

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070268.D
 Acq On : 21 Dec 2021 15:27
 Operator : JC/MD
 Sample : M5039-07DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 20:11:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.085	168	850603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1435192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1280522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	501983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	721538	54.940	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.880%	
35) Dibromofluoromethane	8.021	113	473202	52.638	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.280%	
50) Toluene-d8	10.440	98	1850831	51.274	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.540%	
62) 4-Bromofluorobenzene	12.731	95	666472	50.965	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.920%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	2835	0.228	ug/l	97
6) Chloroethane	3.030	64	2572	0.367	ug/l #	70
11) Tert butyl alcohol	5.374	59	277064	111.606	ug/l #	71
13) Acrolein	3.995	56	2764	1.307	ug/l #	1
14) Allyl chloride	4.961	41	74997	4.108	ug/l #	1
15) Acrylonitrile	5.618	53	55360	8.276	ug/l #	24
16) Acetone	4.293	43	68185	8.631	ug/l	97
18) Methyl Acetate	4.926	43	6884	0.289	ug/l #	51
19) Methyl tert-butyl Ether	5.618	73	4574981	145.219	ug/l	94
20) Methylene Chloride	5.082	84	2109	0.201	ug/l #	85
22) Diisopropyl ether	6.492	45	22202	0.622	ug/l #	79
25) 2-Butanone	7.345	43	37038	3.450	ug/l #	89
29) Tetrahydrofuran	7.705	42	2188	0.336	ug/l #	49
31) Cyclohexane	8.094	56	140476	7.686	ug/l #	88
36) 1,1-Dichloropropene	8.085	75	71739	5.251	ug/l #	49
37) Ethyl Acetate	7.345	43	37038	1.821	ug/l #	69
38) Carbon Tetrachloride	8.085	117	87276	6.514	ug/l #	17
39) Methylcyclohexane	9.461	83	49436	3.042	ug/l	93
40) Benzene	8.461	78	4322264	103.499	ug/l	98
43) Isopropyl Acetate	8.533	43	211595	7.031	ug/l #	57
48) Methyl methacrylate	9.644	41	6329	0.451	ug/l #	69
51) 4-Methyl-2-Pentanone	10.325	43	9108	0.467	ug/l #	60
52) Toluene	10.505	92	4000674	156.914	ug/l	98
53) t-1,3-Dichloropropene	10.505	75	51522	5.698	ug/l #	1
54) cis-1,3-Dichloropropene	10.451	75	630	2.033	ug/l #	1
55) 1,1,2-Trichloroethane	10.877	97	3164	0.308	ug/l #	21
56) Ethyl methacrylate	10.550	69	70177	5.730	ug/l #	36
58) 2-Chloroethyl Vinyl ether	10.035	63	808	18.532	ug/l #	45
59) 2-Hexanone	11.213	43	26079	1.766	ug/l	78
60) Dibromochloromethane	10.982	129	318	2.404	ug/l #	11
67) Ethyl Benzene	11.843	91	1841774	39.030	ug/l	96
68) m/p-Xylenes	11.950	106	2873832	167.261	ug/l	92
69) o-Xylene	12.277	106	1479490	85.487	ug/l	90
70) Styrene	12.277	104	77731	2.832	ug/l #	1
73) Isopropylbenzene	12.578	105	151048	3.382	ug/l	98
74) N-amyl acetate	12.355	43	6143	0.311	ug/l #	33

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

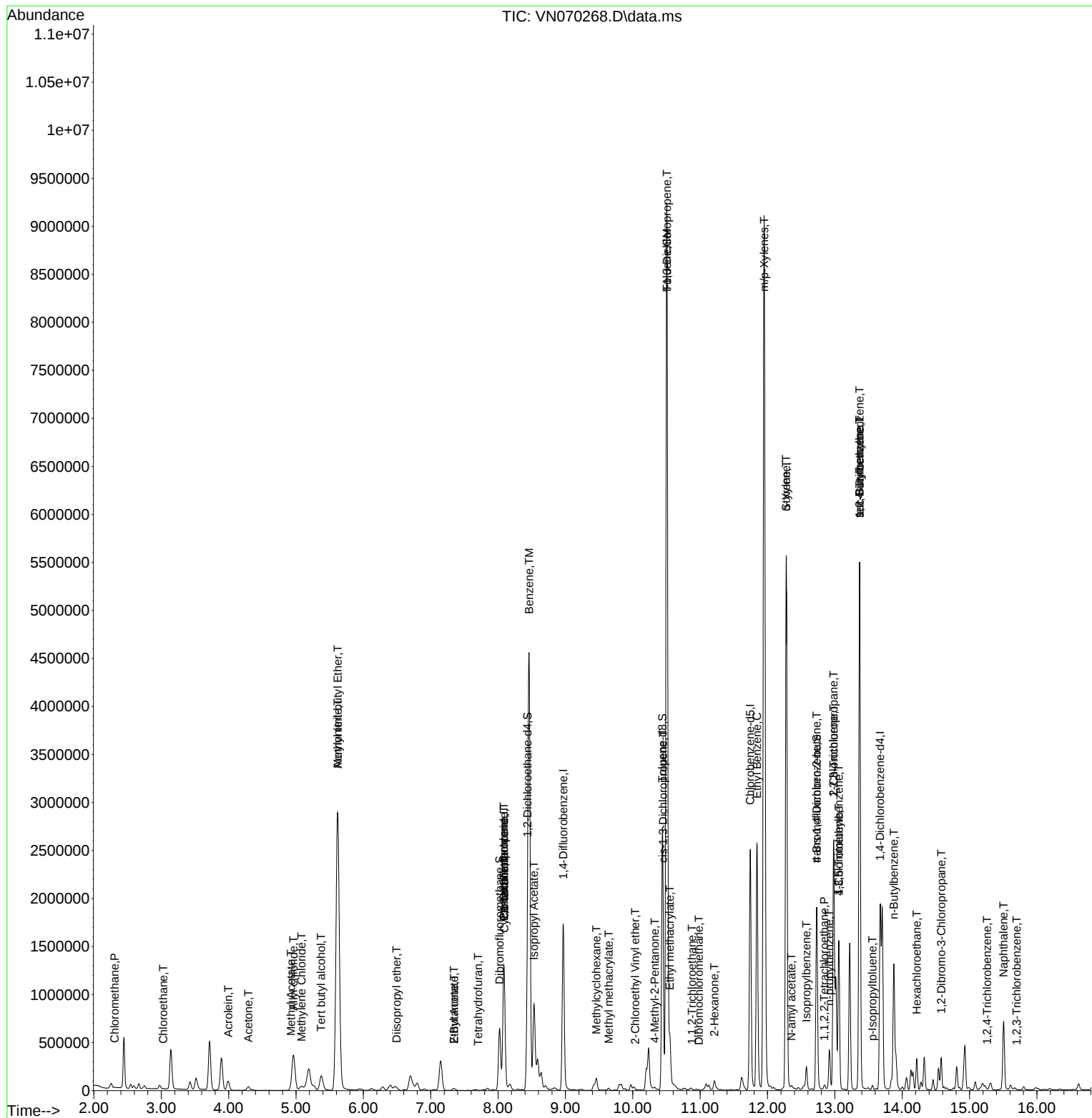
75) 1,1,2,2-Tetrachloroethane	12.843	83	4803	0.311	ug/l #	31
76) 1,2,3-Trichloropropane	12.980	75	18235	1.267	ug/l #	1
78) n-propylbenzene	12.918	91	329908	6.638	ug/l	96
79) 2-Chlorotoluene	12.983	91	202860	6.460	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	862531	23.994	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	365334	80.374	ug/l #	5
82) 4-Chlorotoluene	13.058	91	95537	3.235	ug/l #	38
83) tert-Butylbenzene	13.366	119	378818	11.901	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.366	105	3154413	92.139	ug/l	98
85) sec-Butylbenzene	13.366	105	3154413	73.060	ug/l #	56
86) p-Isopropyltoluene	13.557	119	24452	0.725	ug/l #	77
89) n-Butylbenzene	13.876	91	169185	6.180	ug/l #	53
90) Hexachloroethane	14.216	117	17144	2.893	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	1637	0.587	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.260	180	992	2.991	ug/l #	61
95) Naphthalene	15.504	128	646284	28.230	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	1097	2.566	ug/l #	66

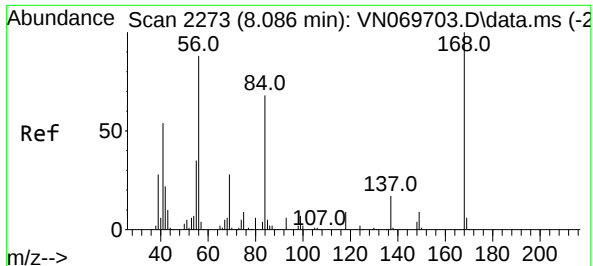
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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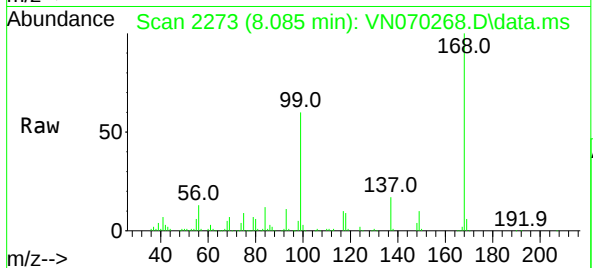
Quant Time: Dec 21 20:11:14 2021
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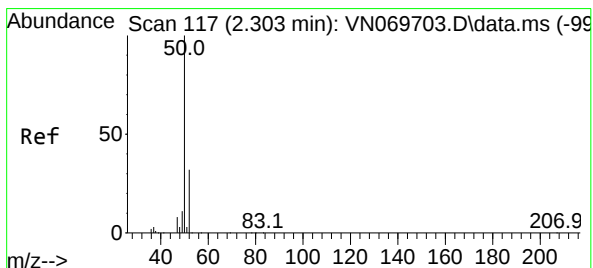
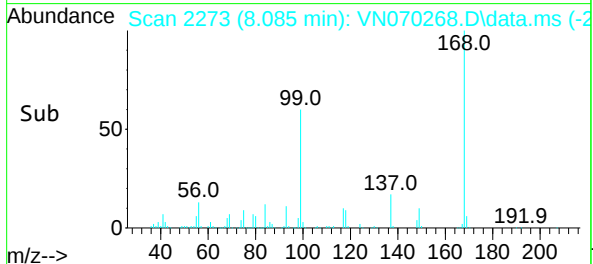
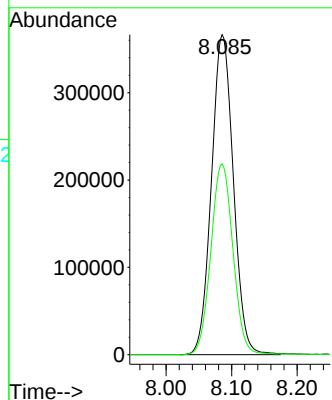


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

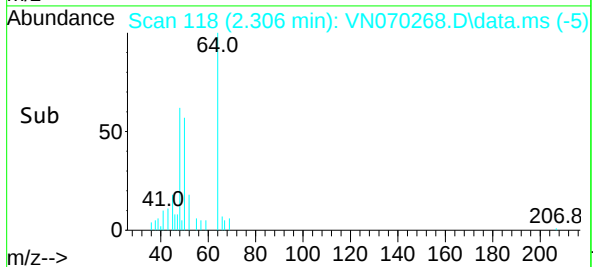
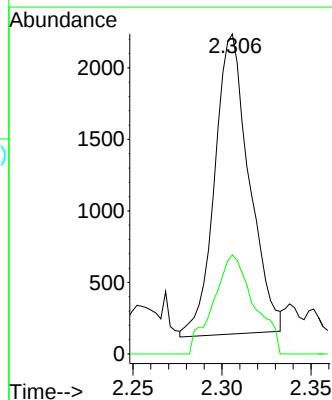
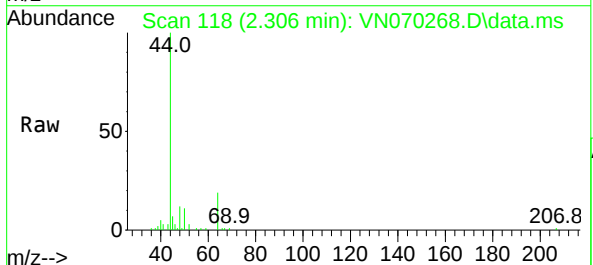


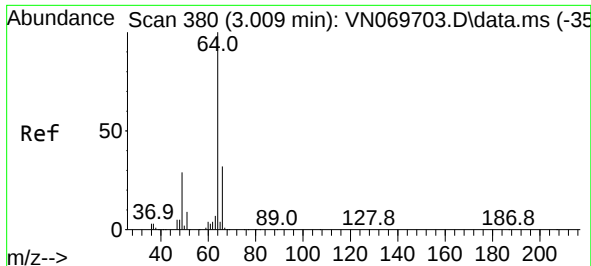
Tgt Ion:168 Resp: 850603
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 50 Resp: 2835
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.0

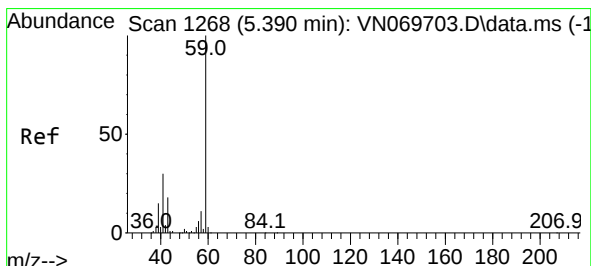
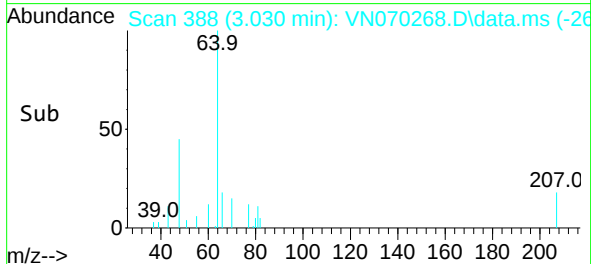
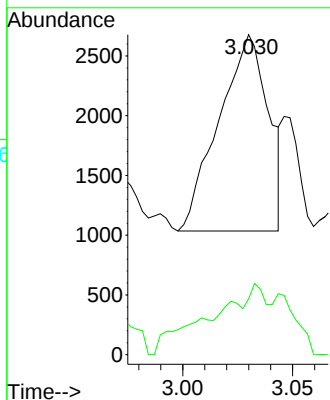
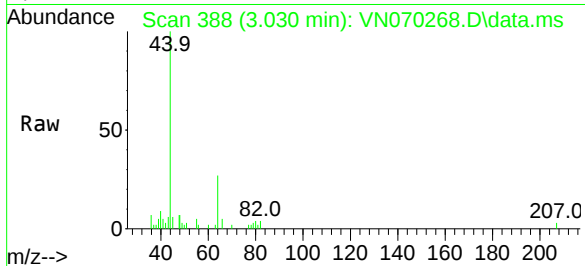




#6
Chloroethane
Concen: 0.367 ug/l
RT: 3.030 min Scan# 31
Delta R.T. 0.021 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

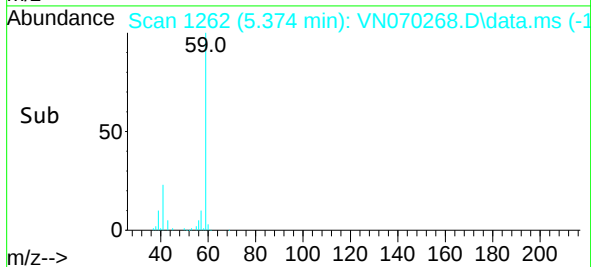
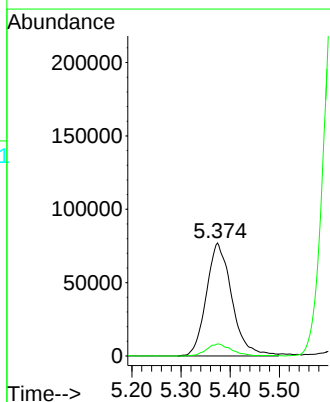
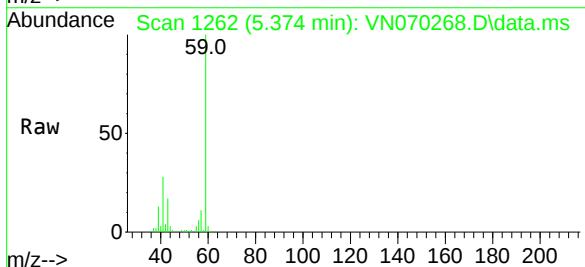
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MSVOA_N
ClientSampleId :

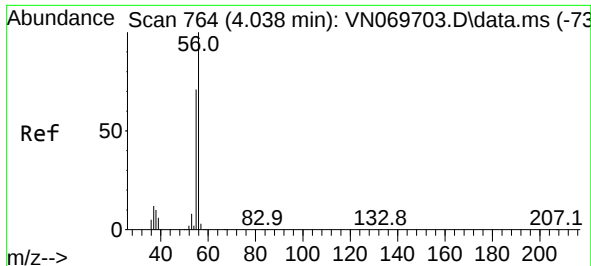
Tgt Ion: 64 Resp: 2572
Ion Ratio Lower Upper
64 100
66 15.8 26.3 39.5#



#11
Tert butyl alcohol
Concen: 111.606 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

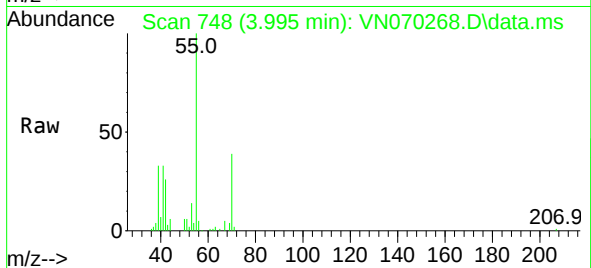
Tgt Ion: 59 Resp: 277064
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



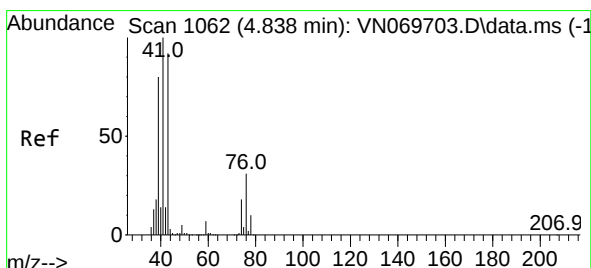
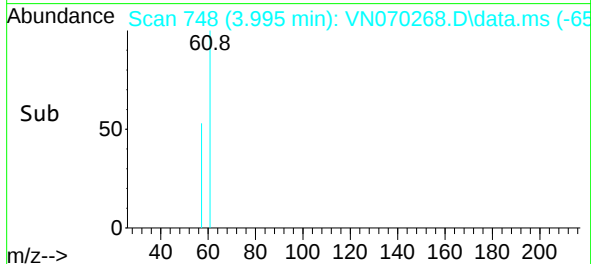
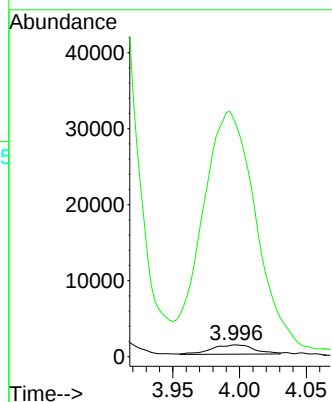


#13
Acrolein
Concen: 1.307 ug/l
RT: 3.995 min Scan# 74
Delta R.T. -0.043 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

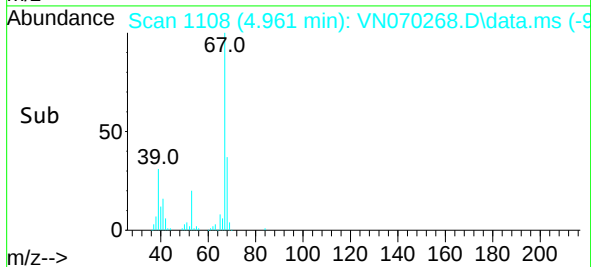
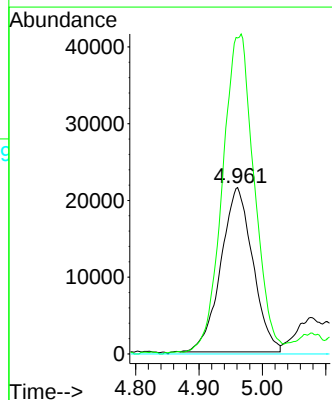
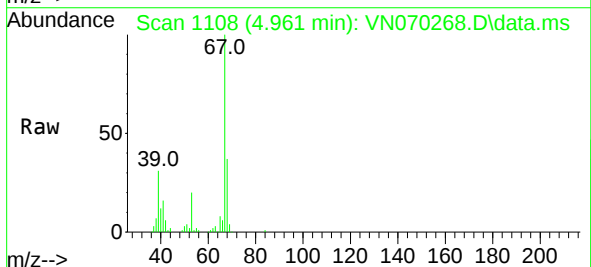


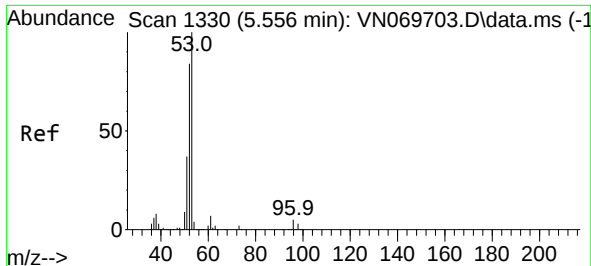
Tgt Ion: 56 Resp: 2764
Ion Ratio Lower Upper
56 100
55 3269.4 56.6 85.0#



#14
Allyl chloride
Concen: 4.108 ug/l
RT: 4.961 min Scan# 1108
Delta R.T. 0.123 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

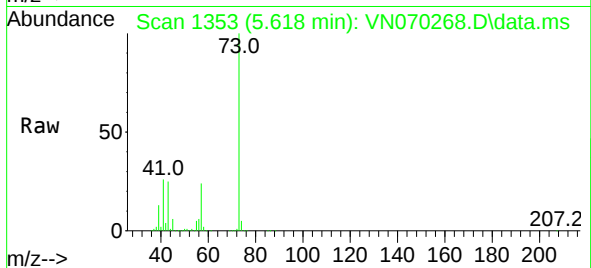
Tgt Ion: 41 Resp: 74997
Ion Ratio Lower Upper
41 100
39 191.8 61.2 91.8#
76 0.0 26.0 39.0#



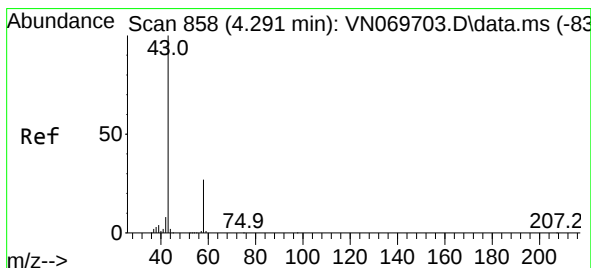
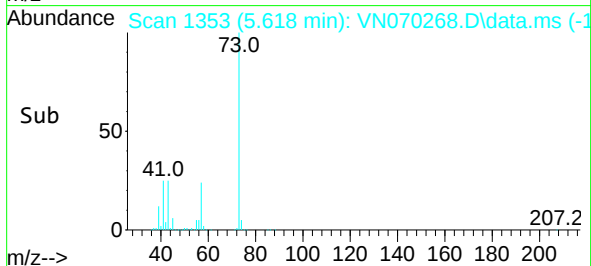
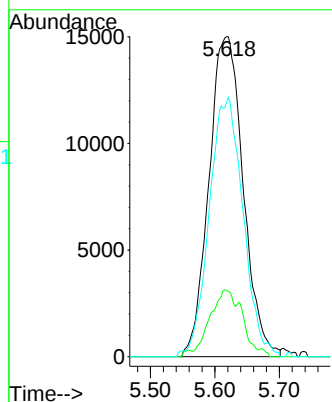


#15
Acrylonitrile
Concen: 8.276 ug/l
RT: 5.618 min Scan# 11
Delta R.T. 0.062 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

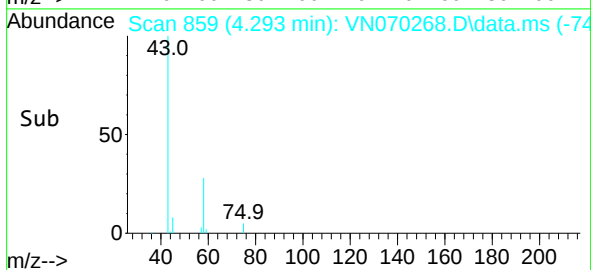
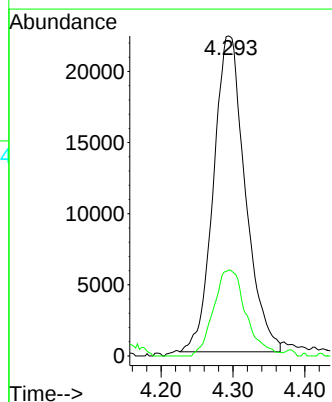
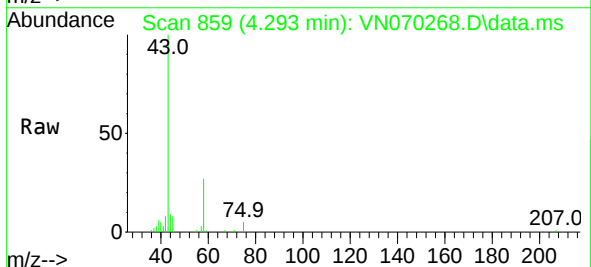


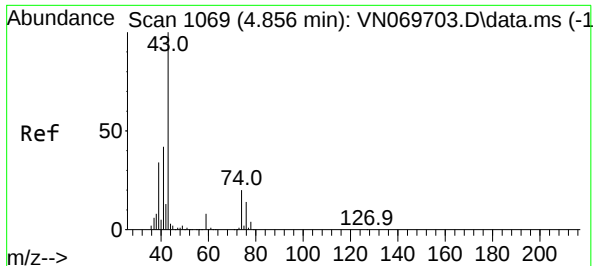
Tgt Ion: 53 Resp: 55360
Ion Ratio Lower Upper
53 100
52 12.5 66.2 99.2#
51 79.9 29.6 44.4#



#16
Acetone
Concen: 8.631 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 43 Resp: 68185
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 4.926 min Scan# 1095

Delta R.T. 0.070 min

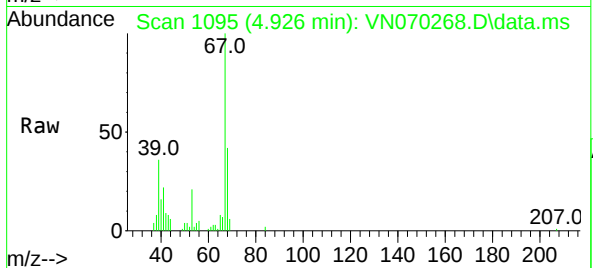
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Acq: 21 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :

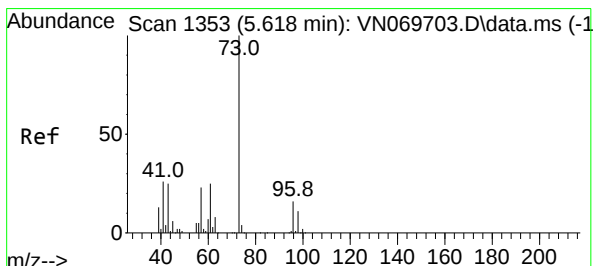
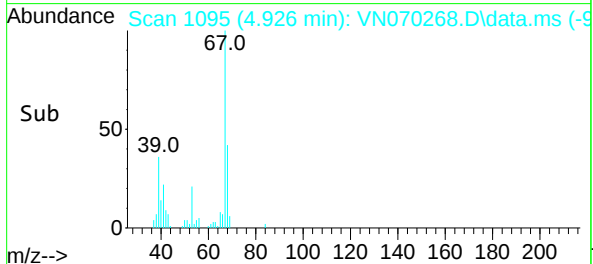
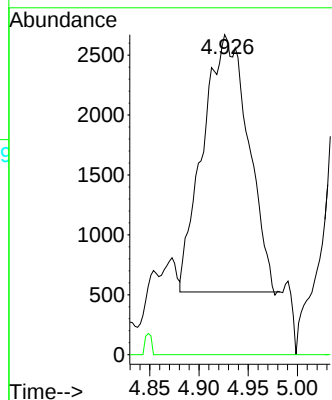


Tgt Ion: 43 Resp: 6884

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 145.219 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VN070268.D

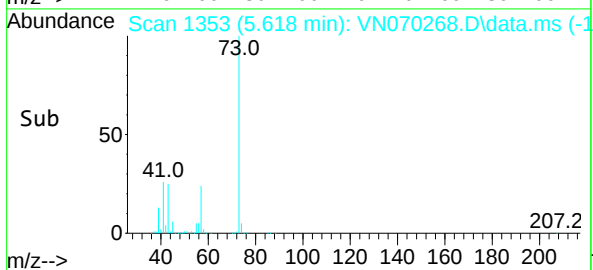
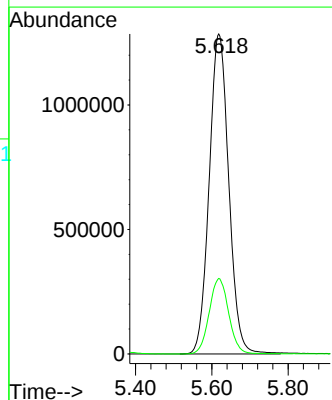
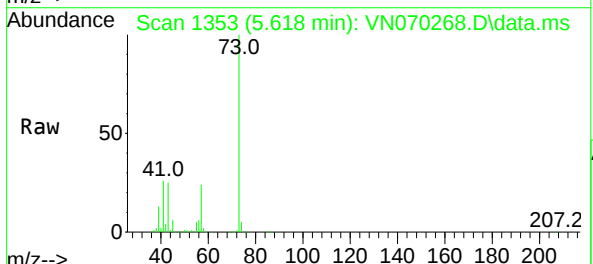
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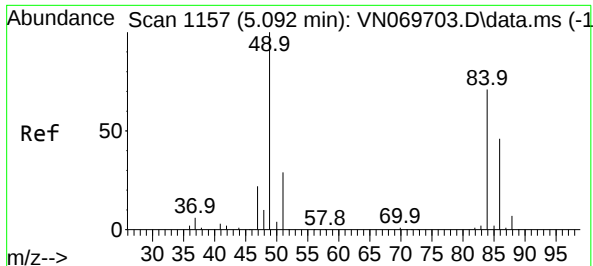
Tgt Ion: 73 Resp: 4574981

Ion Ratio Lower Upper

73 100

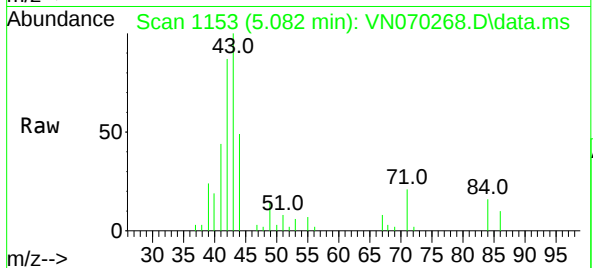
57 23.6 16.8 25.2



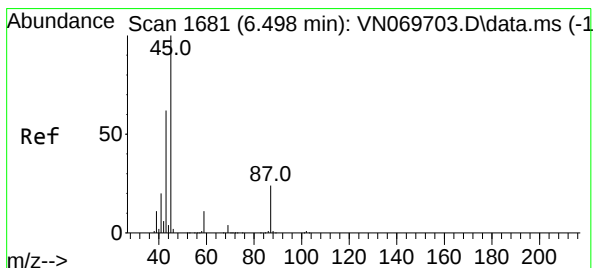
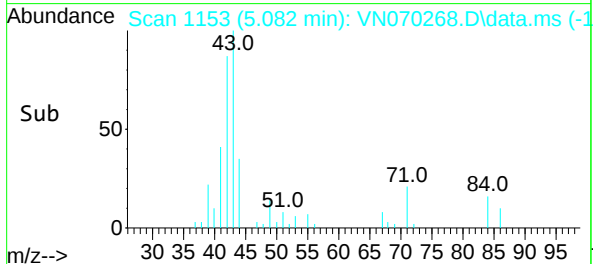
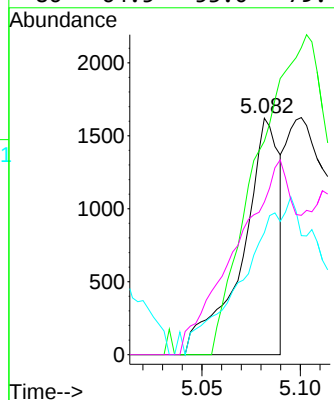


#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. -0.011 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

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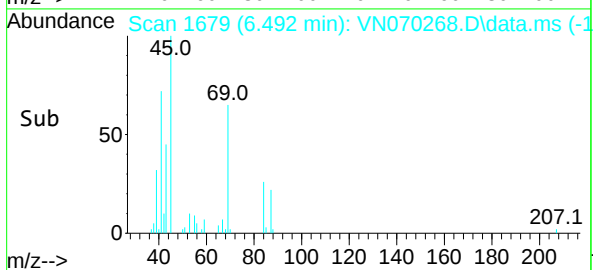
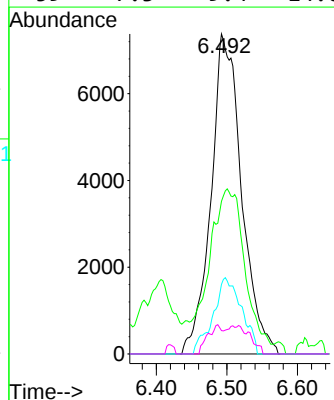
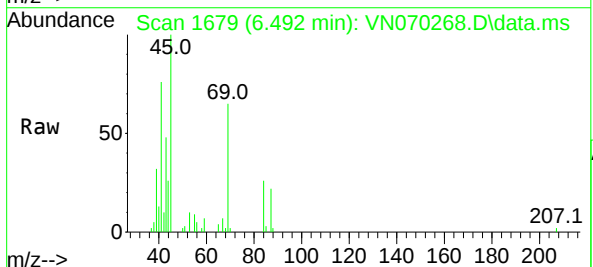


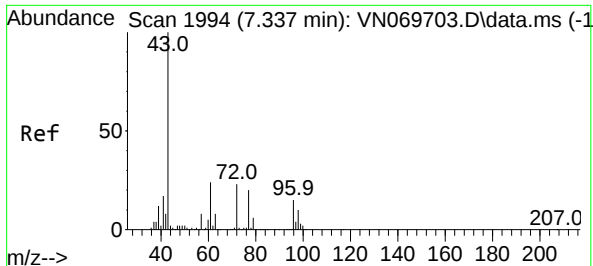
Tgt Ion: 84	Resp: 2109
Ion Ratio	Lower Upper
84 100	
49 90.3	93.5 140.3#
51 41.9	29.4 44.2
86 64.5	53.0 79.4



#22
Diisopropyl ether
Concen: 0.622 ug/l
RT: 6.492 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt	Ion: 45	Resp:	22202
Ion	Ratio	Lower	Upper
45	100		
43	44.1	51.7	77.5#
87	21.8	23.2	34.8#
59	7.3	9.4	14.0#





#25

2-Butanone

Concen: 3.450 ug/l

RT: 7.345 min Scan# 1994

Delta R.T. 0.008 min

Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

Instrument :

MSVOA_N

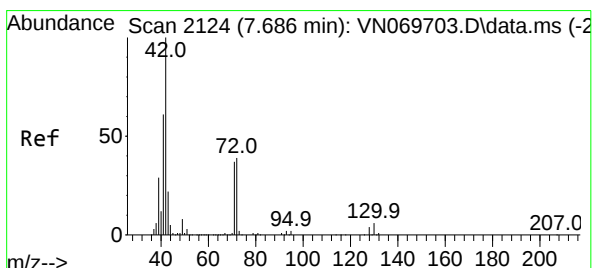
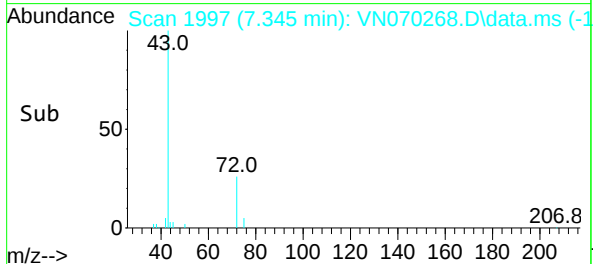
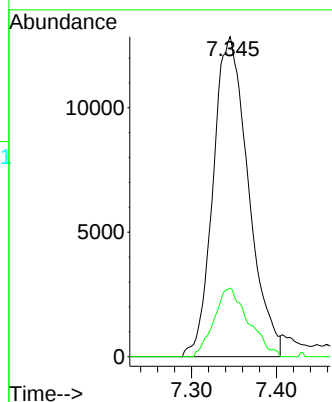
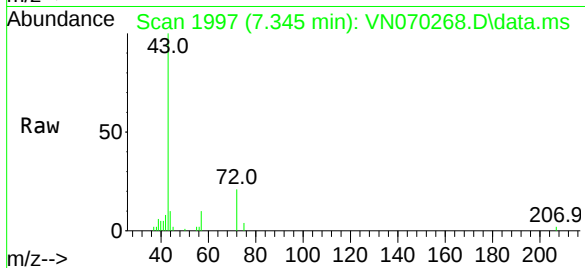
ClientSampleId :

Tgt Ion: 43 Resp: 37038

Ion Ratio Lower Upper

43 100

72 21.4 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.336 ug/l

RT: 7.705 min Scan# 2131

Delta R.T. 0.019 min

Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

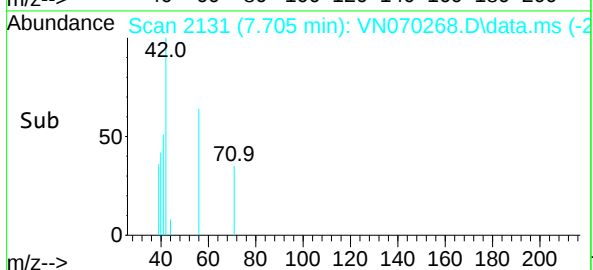
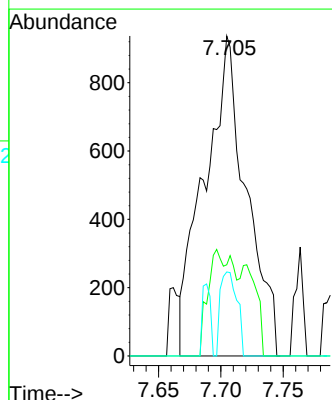
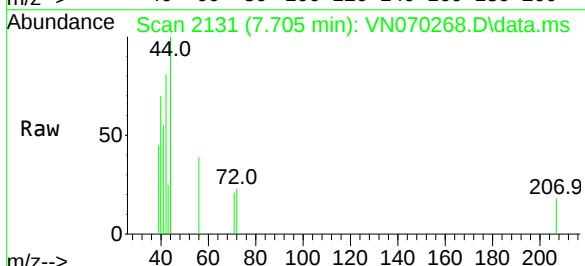
Tgt Ion: 42 Resp: 2188

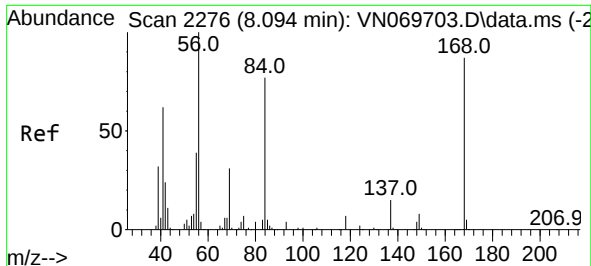
Ion Ratio Lower Upper

42 100

72 12.4 36.3 54.5#

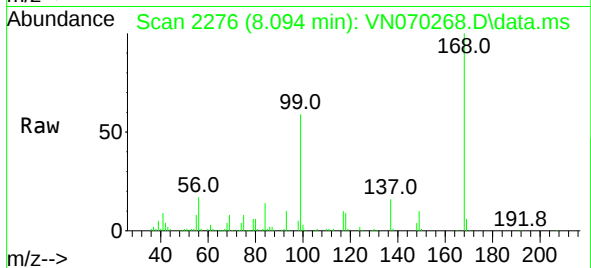
71 10.5 34.7 52.1#



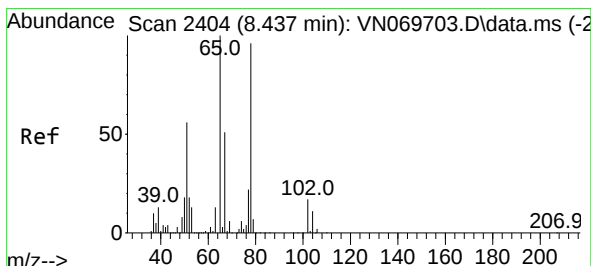
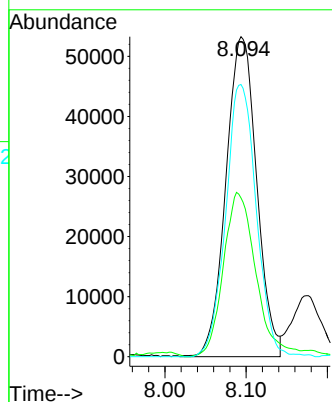
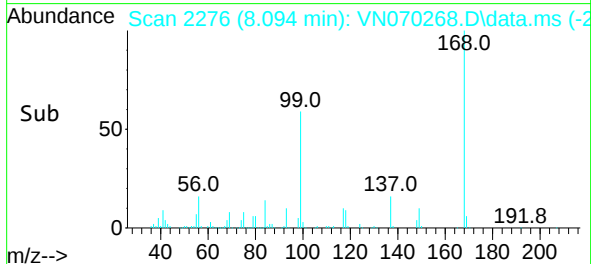


#31
Cyclohexane
Concen: 7.686 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

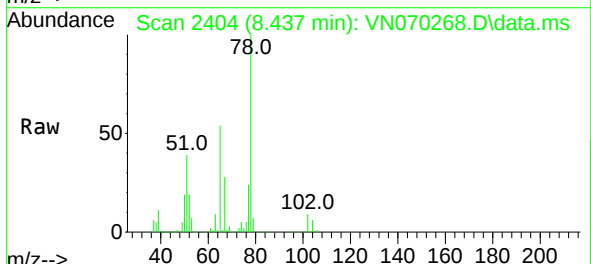
Instrument :
MSVOA_N
ClientSampleId :



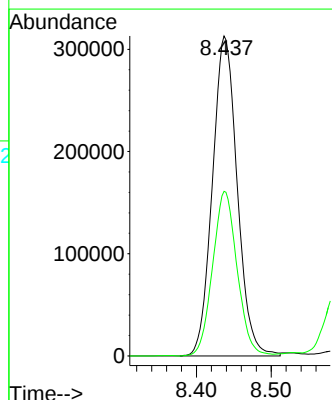
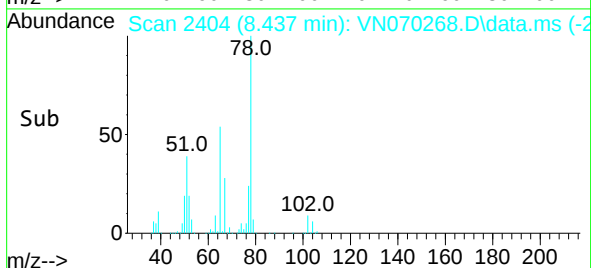
Tgt Ion: 56 Resp: 140476
Ion Ratio Lower Upper
56 100
69 49.1 27.1 40.7#
84 85.1 73.4 110.0

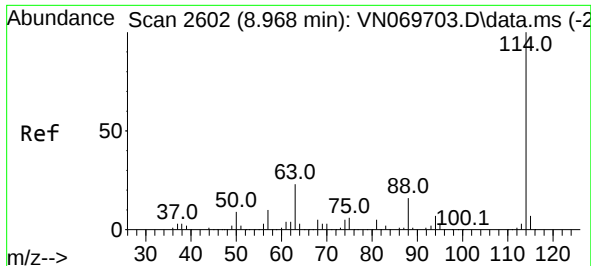


#33
1,2-Dichloroethane-d4
Concen: 54.940 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27



Tgt Ion: 65 Resp: 721538
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :

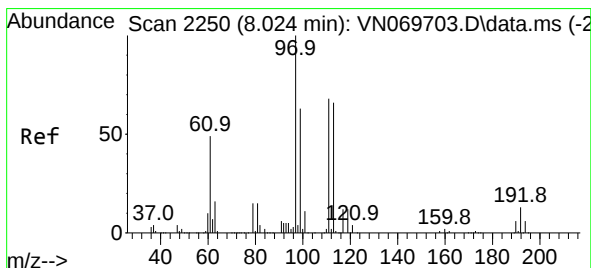
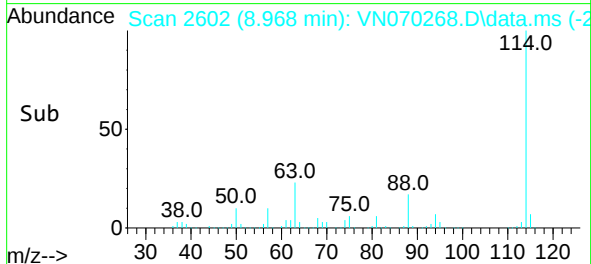
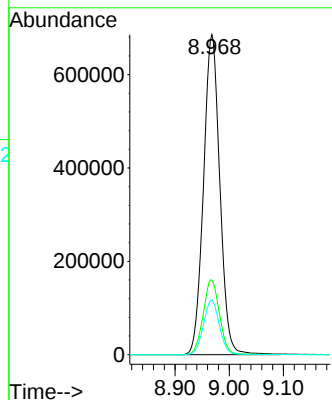
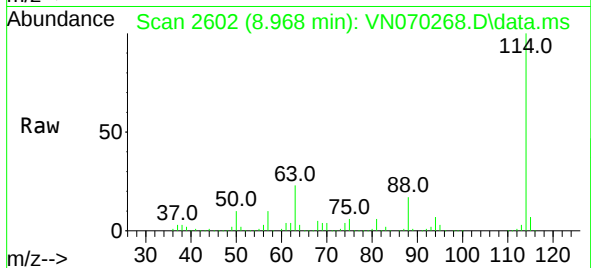
Tgt Ion:114 Resp: 1435192

Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

88 17.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 52.638 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

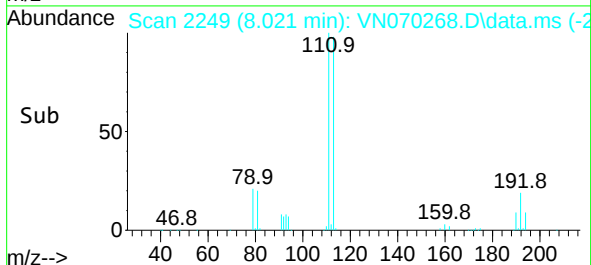
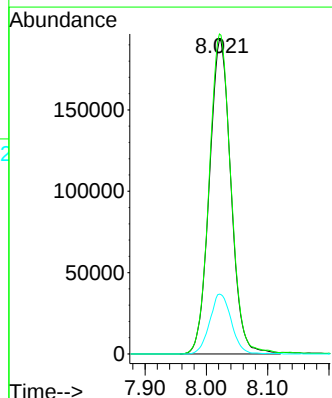
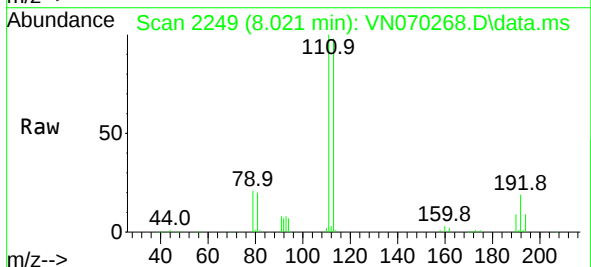
Tgt Ion:113 Resp: 473202

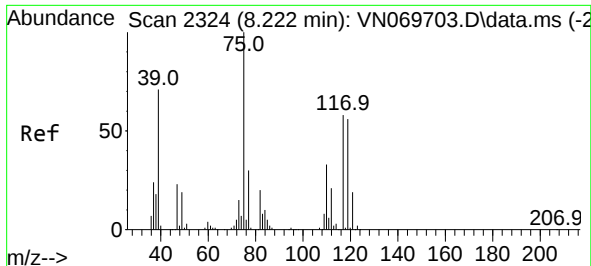
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

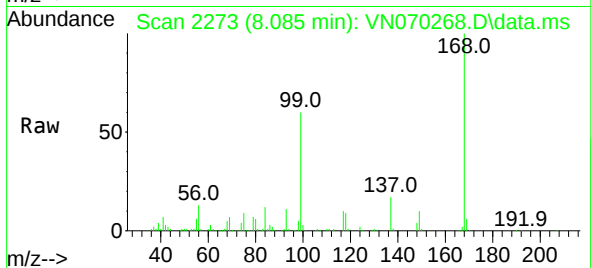
192 19.0 16.9 25.3



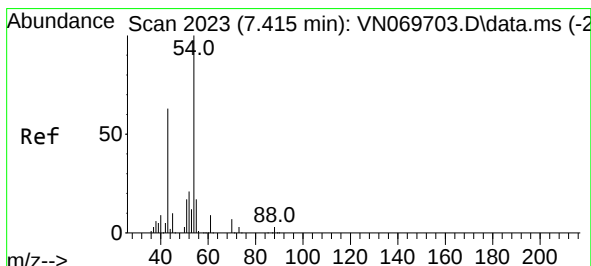
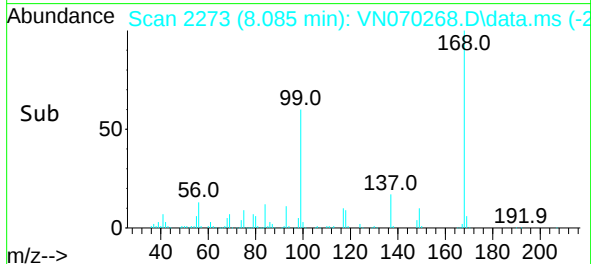
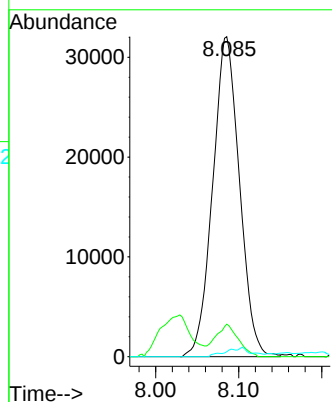


#36
 1,1-Dichloropropene
 Concen: 5.251 ug/l
 RT: 8.085 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070268.D
 Acq: 21 Dec 2021 15:27

Instrument :
 MSVOA_N
 ClientSampleId :

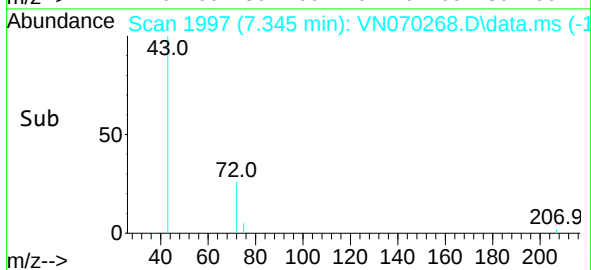
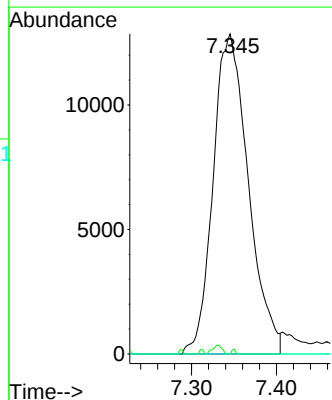
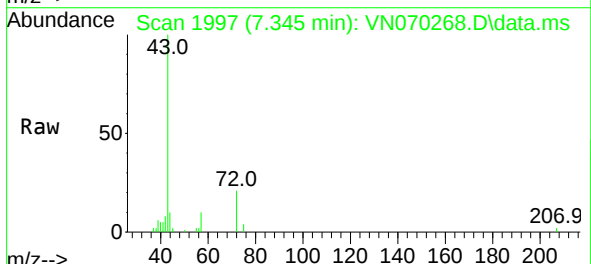


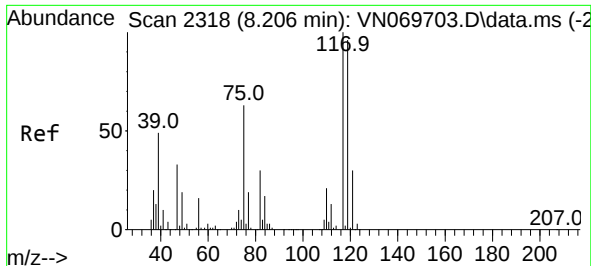
Tgt Ion: 75 Resp: 71739
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.821 ug/l
 RT: 7.345 min Scan# 1997
 Delta R.T. -0.070 min
 Lab File: VN070268.D
 Acq: 21 Dec 2021 15:27

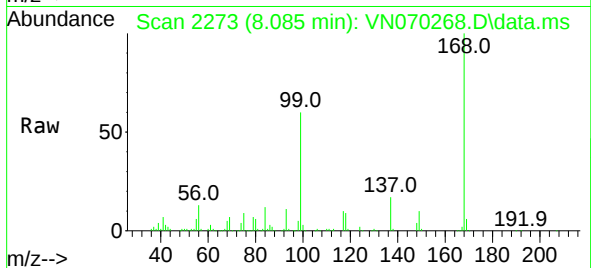
Tgt Ion: 43 Resp: 37038
 Ion Ratio Lower Upper
 43 100
 61 0.7 11.5 17.3#
 70 0.0 7.9 11.9#



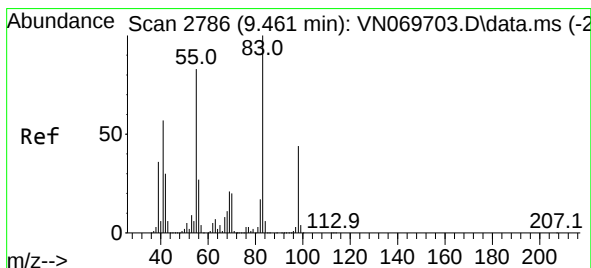
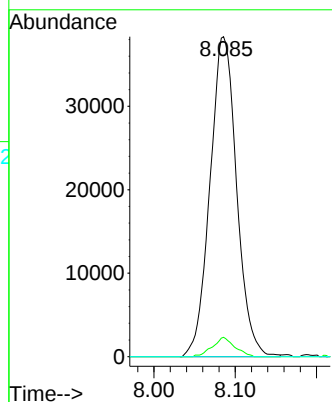
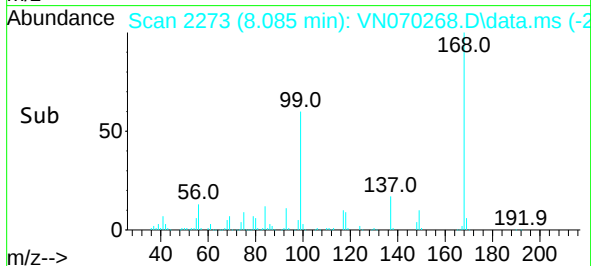


#38
Carbon Tetrachloride
Concen: 6.514 ug/l
RT: 8.085 min Scan# 211
Delta R.T. -0.121 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

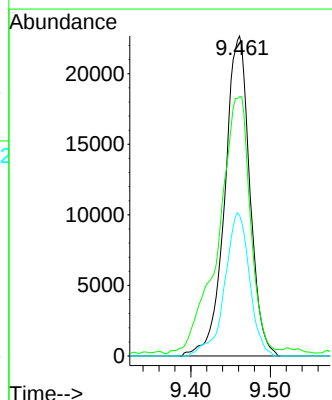
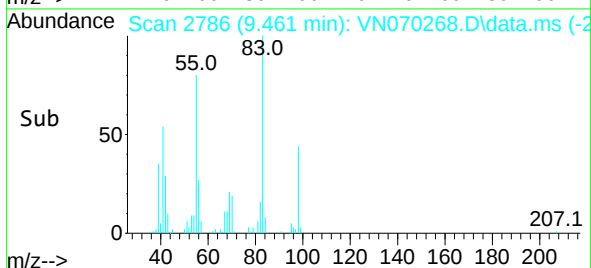
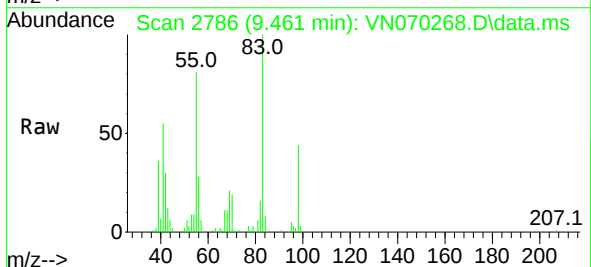


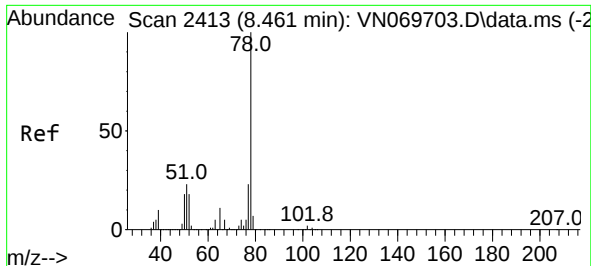
Tgt Ion:117 Resp: 87276
Ion Ratio Lower Upper
117 100
119 6.1 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 3.042 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 83 Resp: 49436
Ion Ratio Lower Upper
83 100
55 79.0 58.1 87.1
98 43.9 38.4 57.6

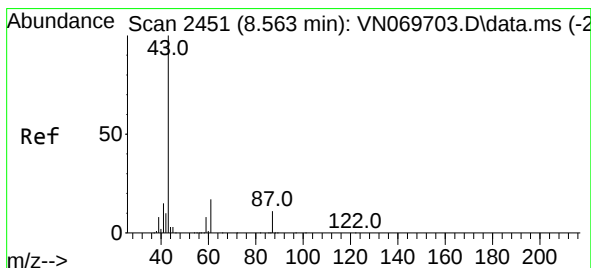
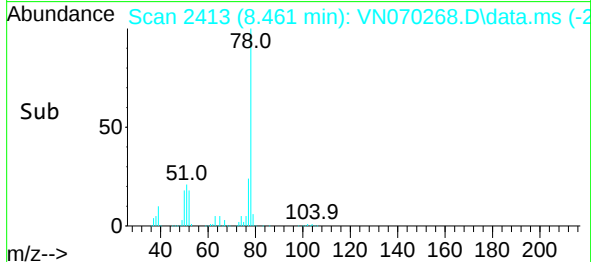
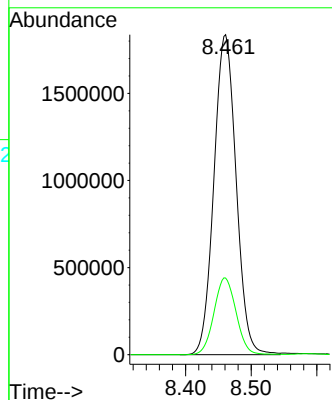
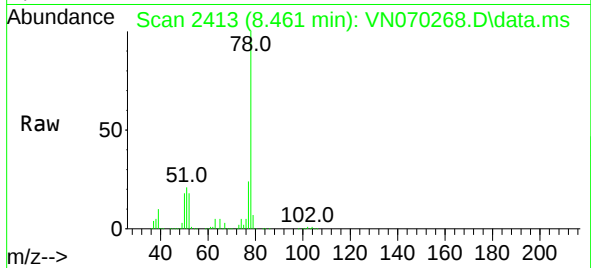




#40
Benzene
Concen: 103.499 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

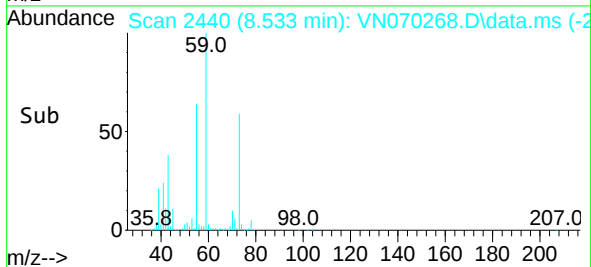
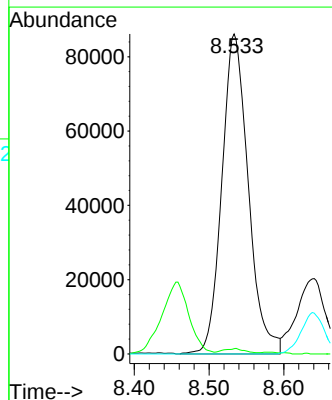
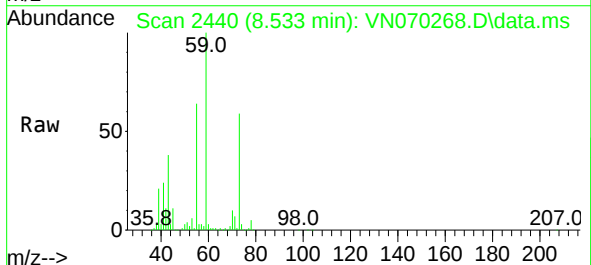
Instrument :
MSVOA_N
ClientSampleId :

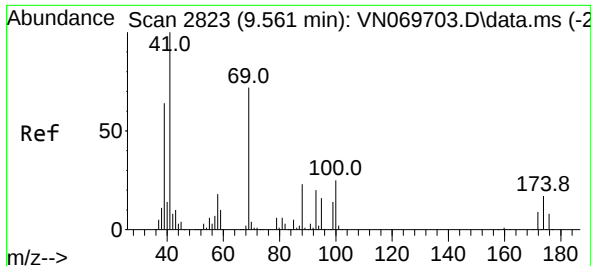
Tgt Ion: 78 Resp: 4322264
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8



#43
Isopropyl Acetate
Concen: 7.031 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. -0.030 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 43 Resp: 211595
Ion Ratio Lower Upper
43 100
61 1.0 20.4 30.6#
87 0.0 11.2 16.8#

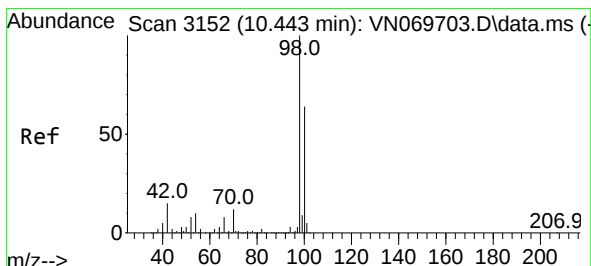
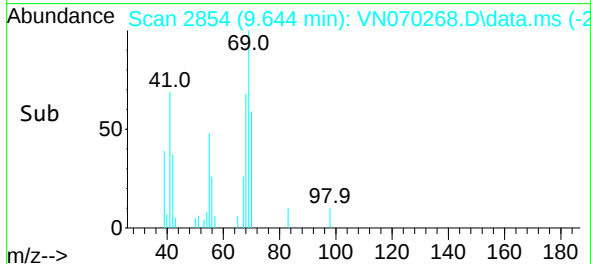
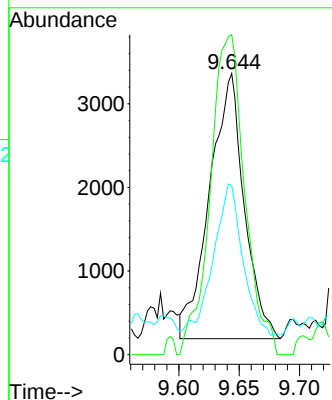
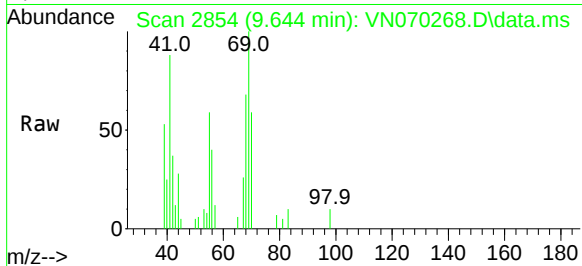




#48
Methyl methacrylate
Concen: 0.451 ug/l
RT: 9.644 min Scan# 21
Delta R.T. 0.083 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

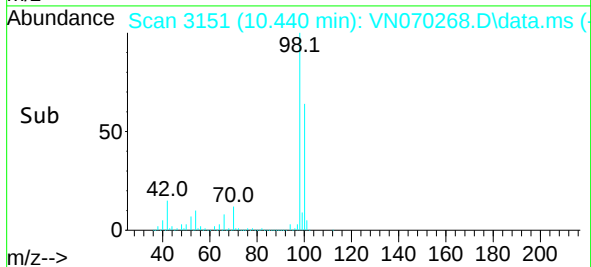
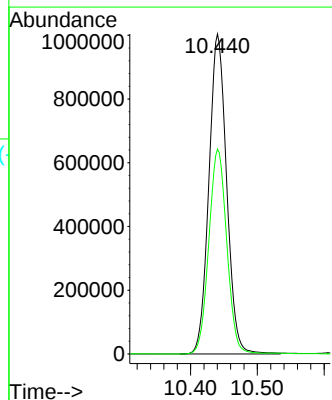
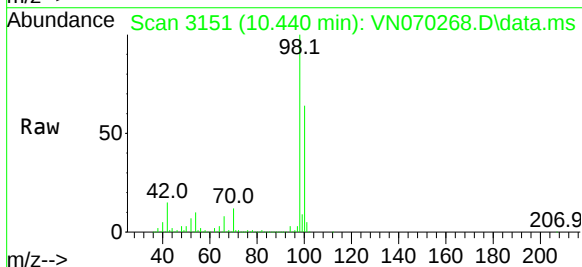
Instrument :
MSVOA_N
ClientSampleId :

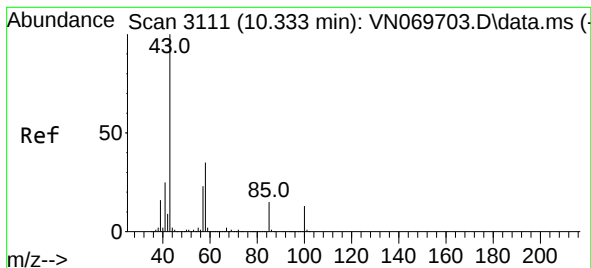
Tgt Ion: 41 Resp: 6329
Ion Ratio Lower Upper
41 100
69 120.7 72.4 108.6#
39 47.4 58.4 87.6#



#50
Toluene-d8
Concen: 51.274 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 98 Resp: 1850831
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6

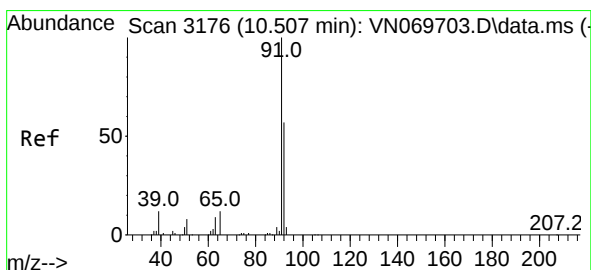
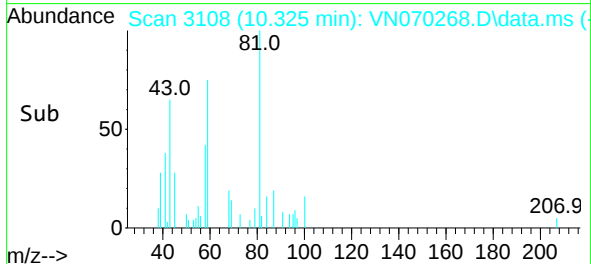
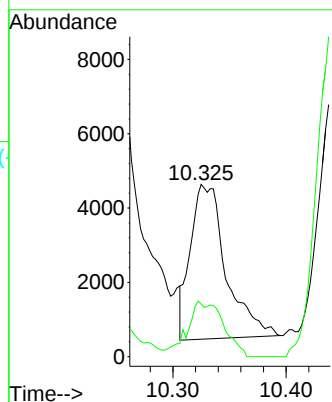
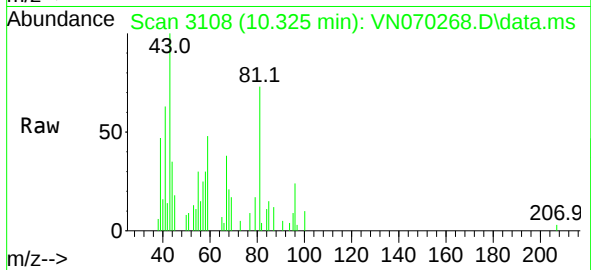




#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 10.325 min Scan# 3111
Delta R.T. -0.008 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

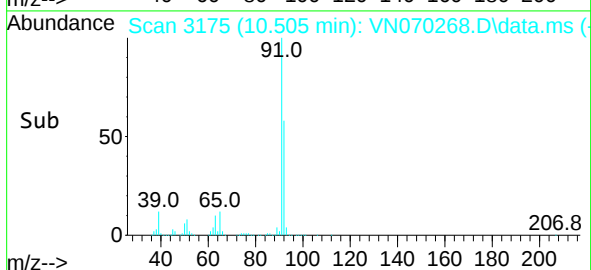
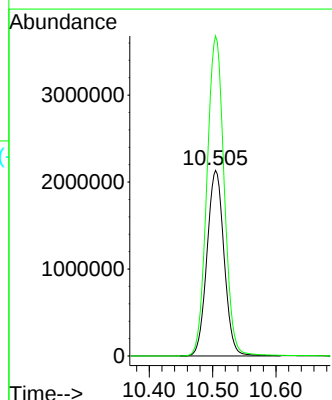
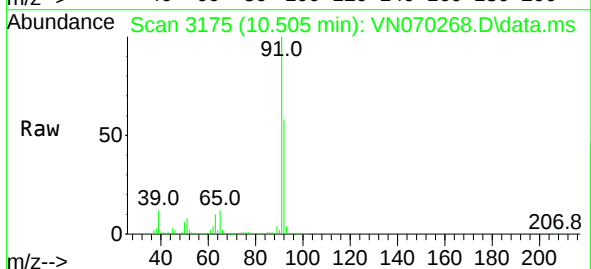
Instrument :
MSVOA_N
ClientSampleId :

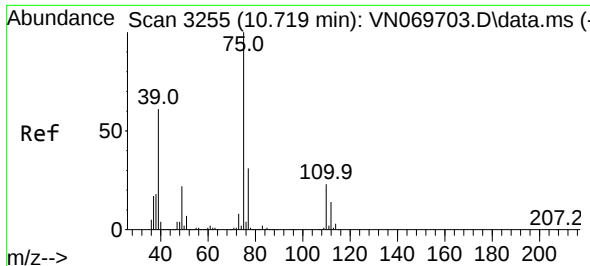
Tgt Ion: 43 Resp: 9108
Ion Ratio Lower Upper
43 100
58 13.8 30.4 45.6#



#52
Toluene
Concen: 156.914 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

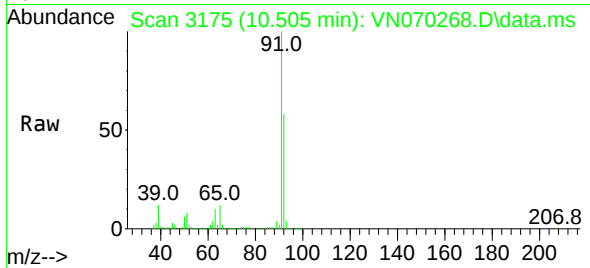
Tgt Ion: 92 Resp: 4000674
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0



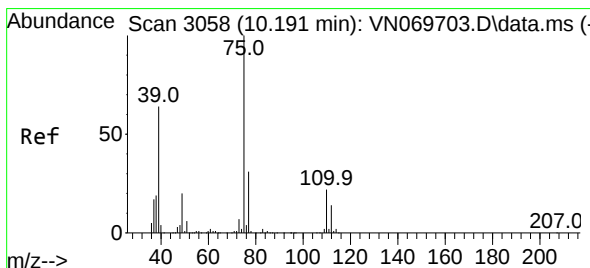
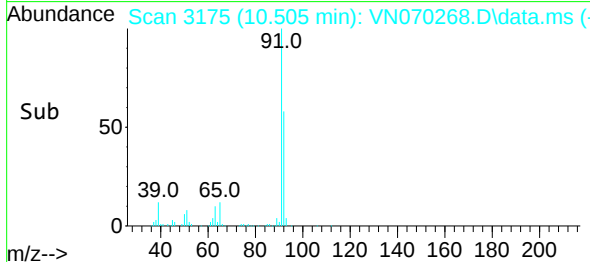
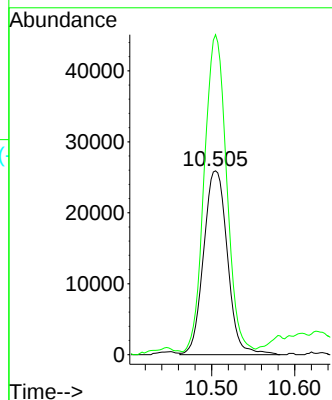


#53
t-1,3-Dichloropropene
Concen: 5.698 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.214 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

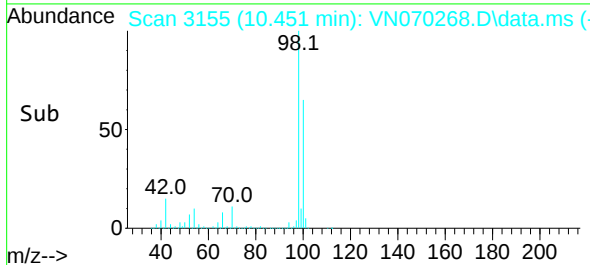
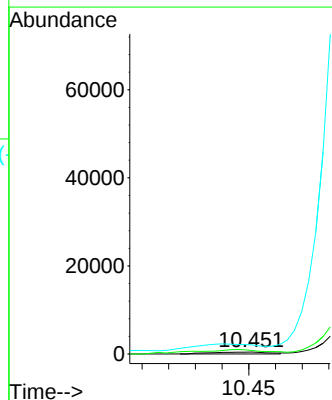
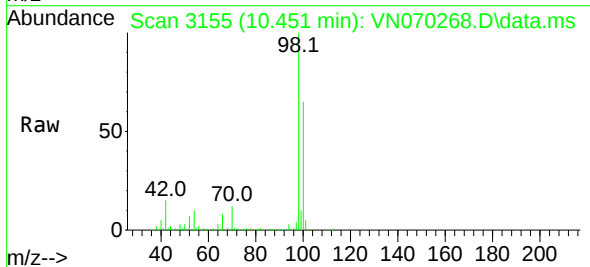


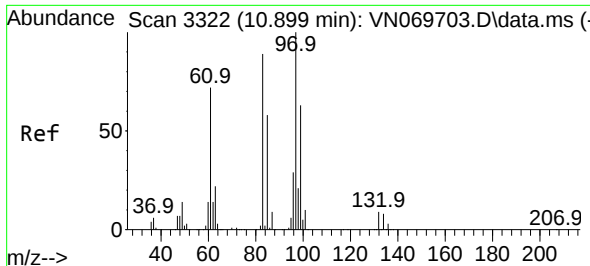
Tgt Ion: 75 Resp: 51522
Ion Ratio Lower Upper
75 100
77 172.1 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.033 ug/l
RT: 10.451 min Scan# 3155
Delta R.T. 0.260 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

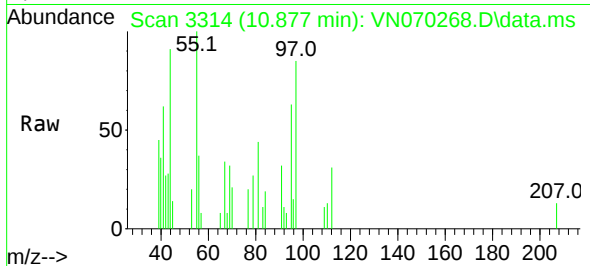
Tgt Ion: 75 Resp: 630
Ion Ratio Lower Upper
75 100
77 66.6 26.4 39.6#
39 188.5 42.5 63.7#



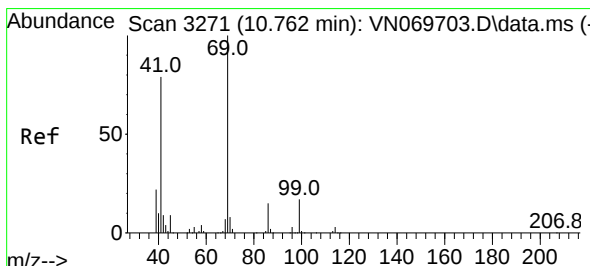
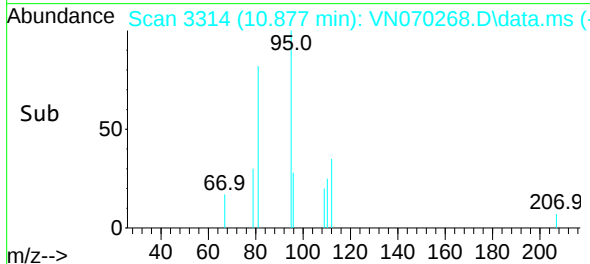
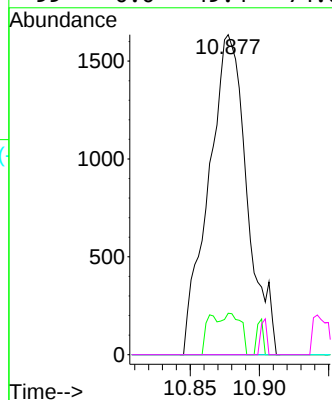


#55
1,1,2-Trichloroethane
Concen: 0.308 ug/l
RT: 10.877 min Scan# 3192
Delta R.T. -0.021 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

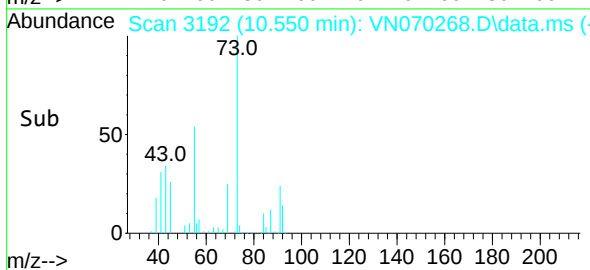
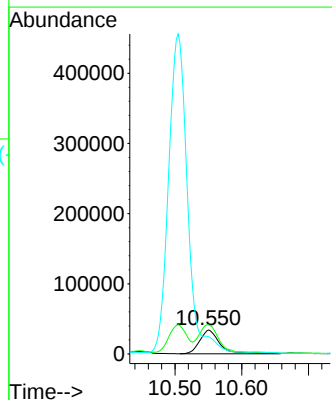
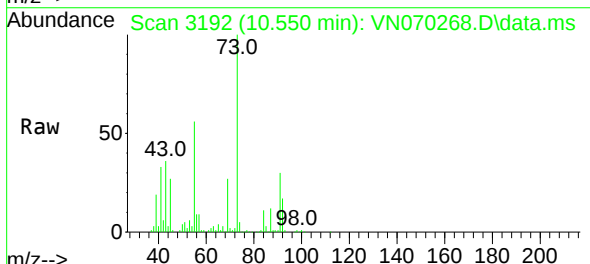


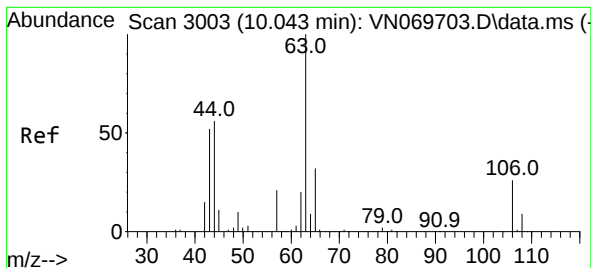
Tgt Ion: 97 Resp: 3164
Ion Ratio Lower Upper
97 100
83 13.0 67.8 101.6#
85 0.0 45.4 68.2#
99 0.0 49.4 74.0#



#56
Ethyl methacrylate
Concen: 5.730 ug/l
RT: 10.550 min Scan# 3192
Delta R.T. -0.212 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 69 Resp: 70177
Ion Ratio Lower Upper
69 100
41 113.1 51.4 77.0#
39 0.0 34.6 52.0#

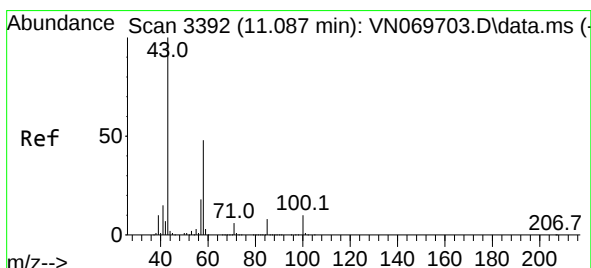
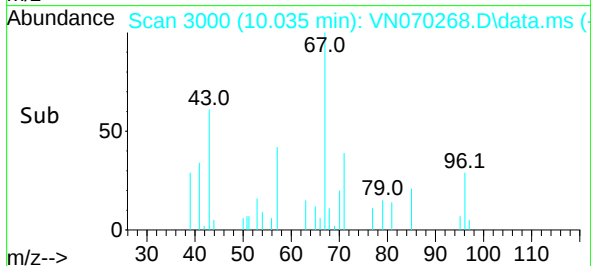
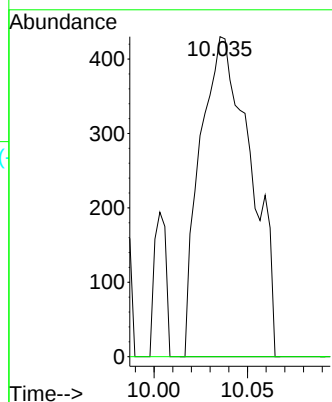
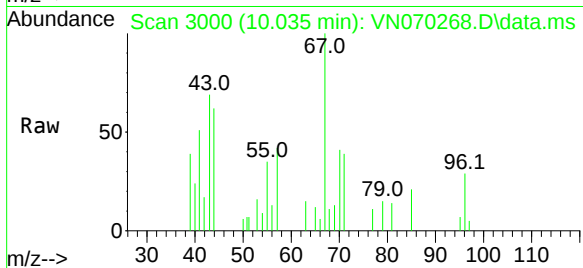




#58
2-Chloroethyl Vinyl ether
Concen: 18.532 ug/l
RT: 10.035 min Scan# 3003
Delta R.T. -0.008 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

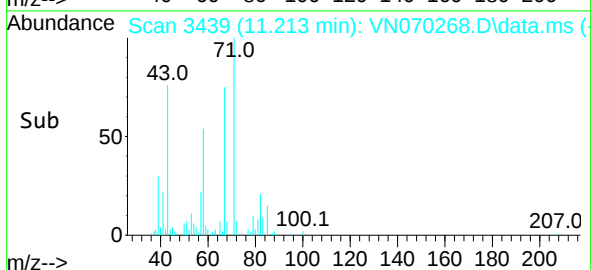
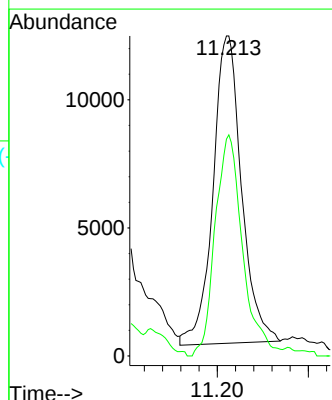
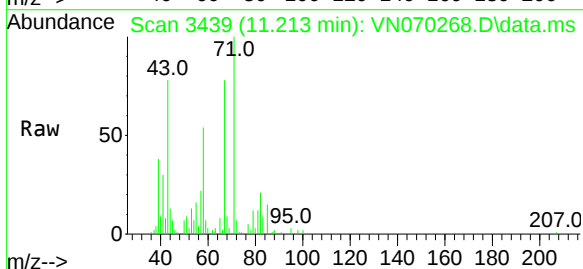
Instrument :
MSVOA_N
ClientSampleId :

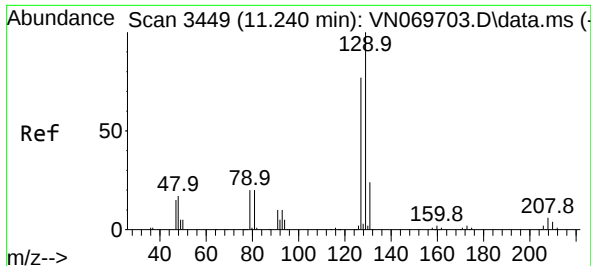
Tgt Ion: 63 Resp: 808
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.766 ug/l
RT: 11.213 min Scan# 3439
Delta R.T. 0.126 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 43 Resp: 26079
Ion Ratio Lower Upper
43 100
58 69.2 26.9 80.7

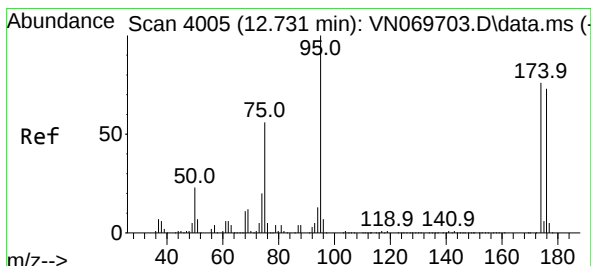
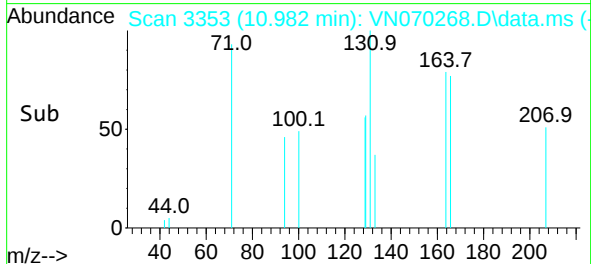
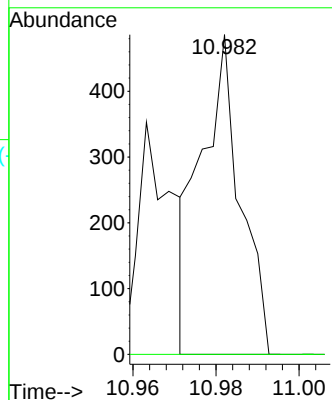
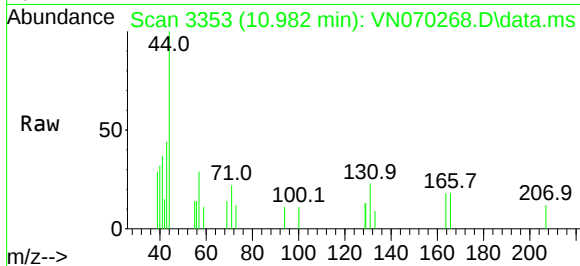




#60
Dibromochloromethane
Concen: 2.404 ug/l
RT: 10.982 min Scan# 318
Delta R.T. -0.258 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

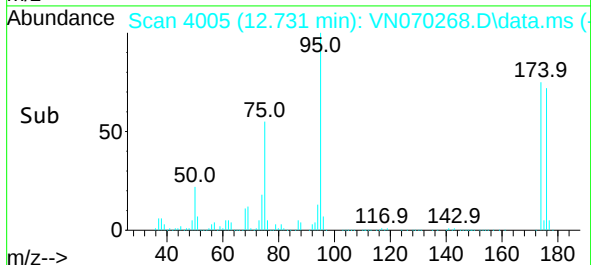
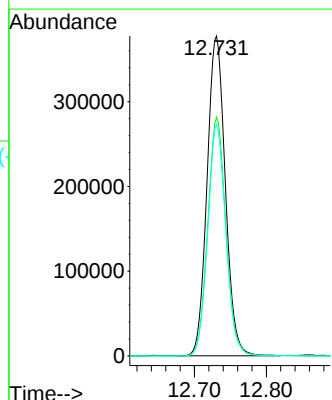
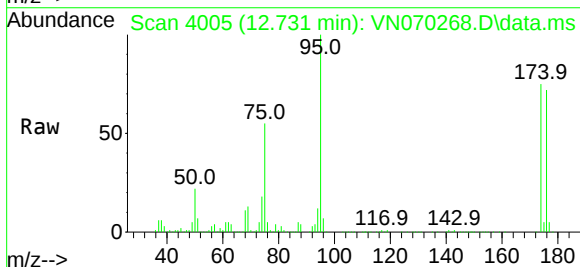
Instrument :
MSVOA_N
ClientSampleId :

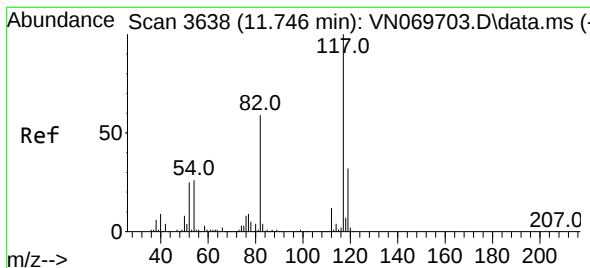
Tgt Ion:129 Resp: 318
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 50.965 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 95 Resp: 666472
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 71.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

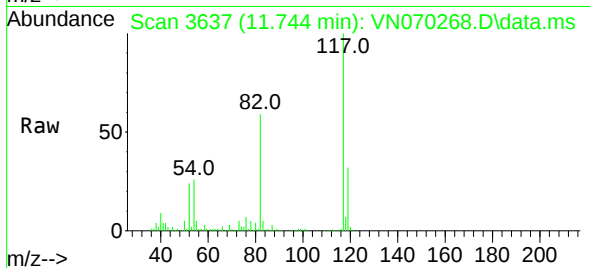
Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :



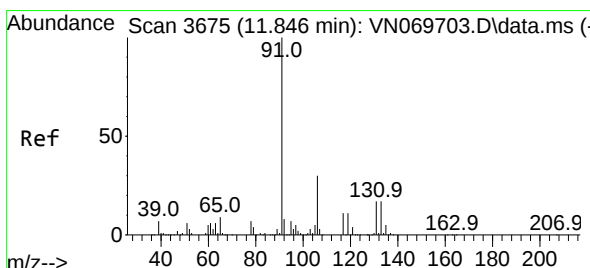
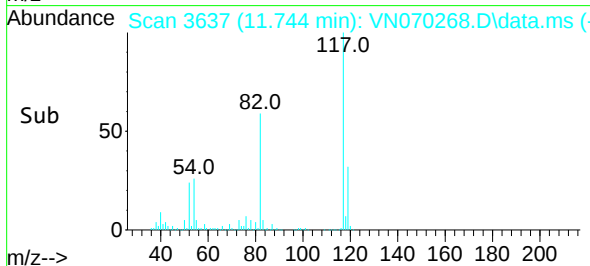
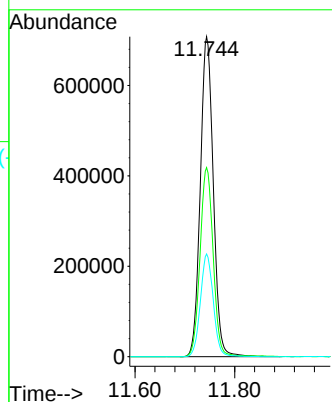
Tgt Ion:117 Resp: 1280522

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 32.1 25.4 38.2



#67

Ethyl Benzene

Concen: 39.030 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.003 min

Lab File: VN070268.D

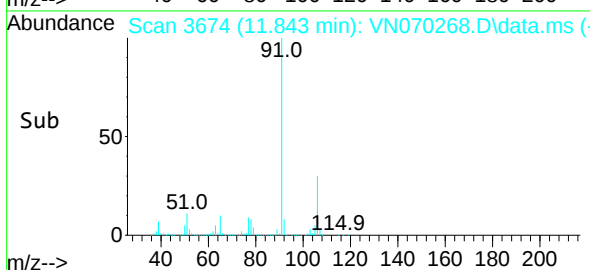
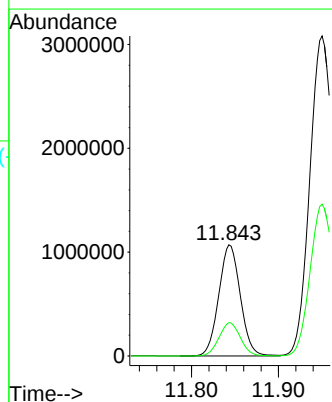
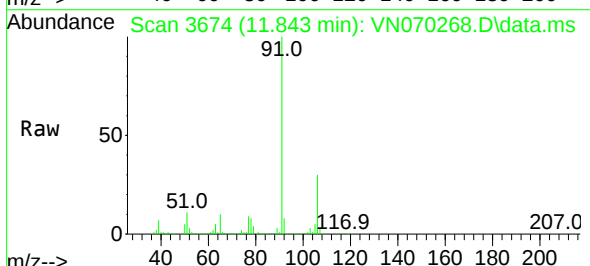
Acq: 21 Dec 2021 15:27

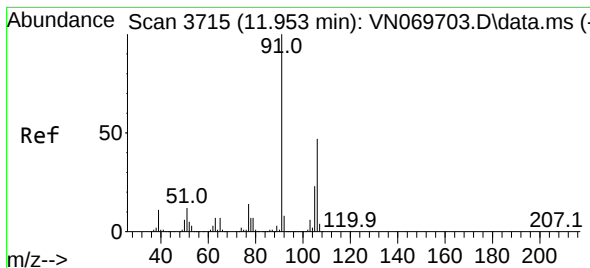
Tgt Ion: 91 Resp: 1841774

Ion Ratio Lower Upper

91 100

106 29.9 25.7 38.5





#68

m/p-Xylenes

Concen: 167.261 ug/l

RT: 11.950 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

Instrument :

MSVOA_N

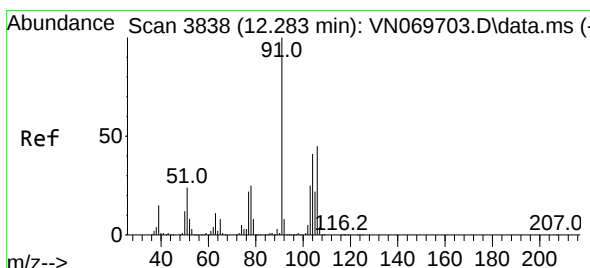
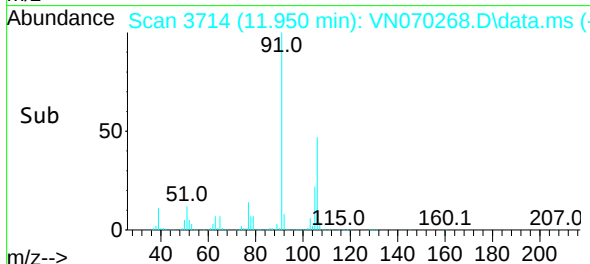
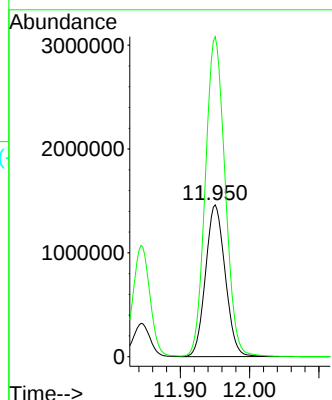
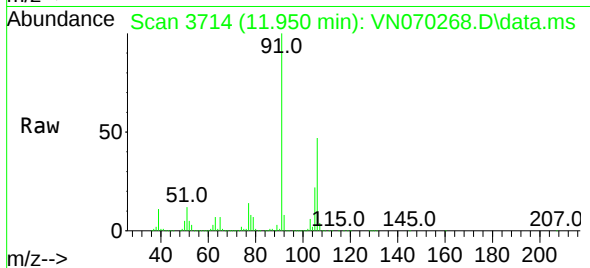
ClientSampleId :

Tgt Ion:106 Resp: 2873832

Ion Ratio Lower Upper

106 100

91 213.0 160.6 240.8



#69

o-Xylene

Concen: 85.487 ug/l

RT: 12.277 min Scan# 3836

Delta R.T. -0.005 min

Lab File: VN070268.D

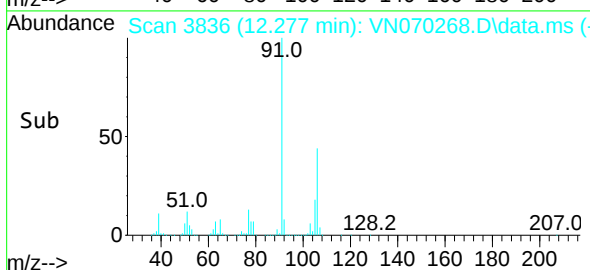
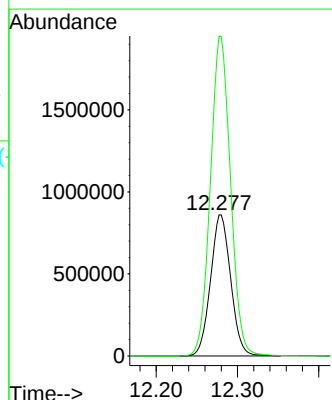
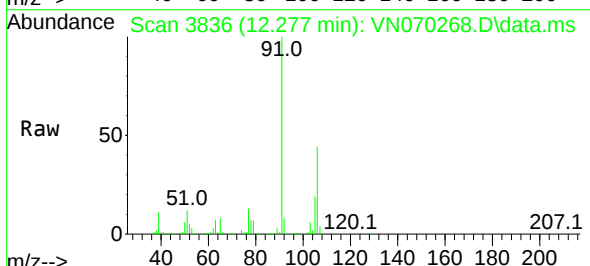
Acq: 21 Dec 2021 15:27

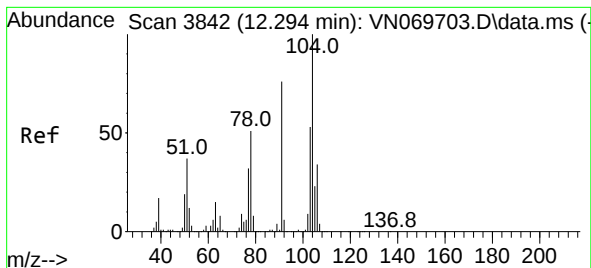
Tgt Ion:106 Resp: 1479490

Ion Ratio Lower Upper

106 100

91 226.7 105.8 317.3





#70

Styrene

Concen: 2.832 ug/l

RT: 12.277 min Scan# 3836

Delta R.T. -0.017 min MSVOA_N

Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :

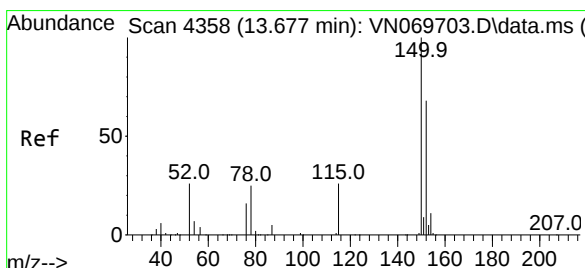
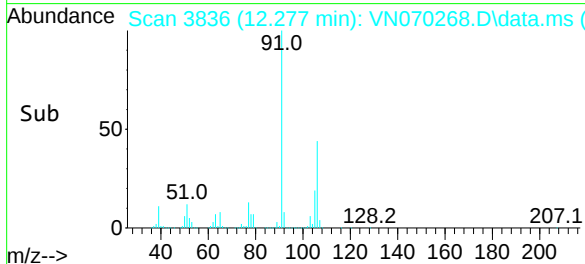
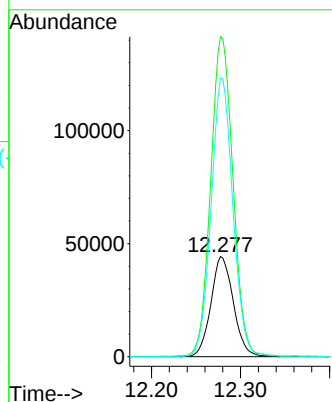
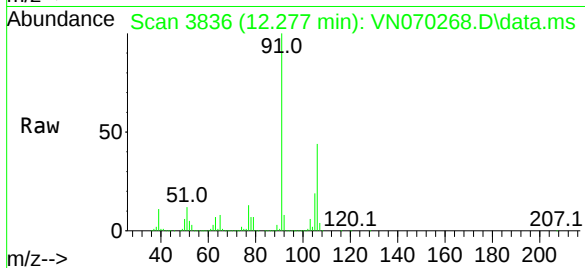
Tgt Ion:104 Resp: 77731

Ion Ratio Lower Upper

104 100

78 316.3 38.7 58.1#

103 270.8 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. -0.005 min

Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

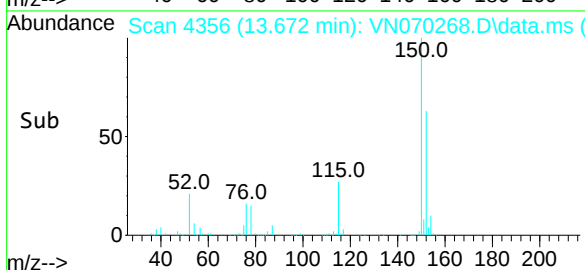
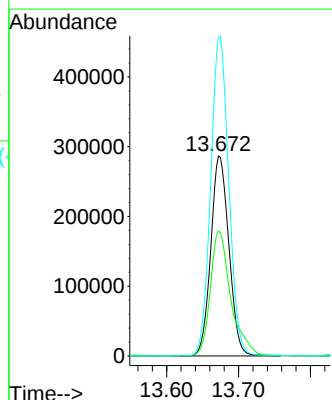
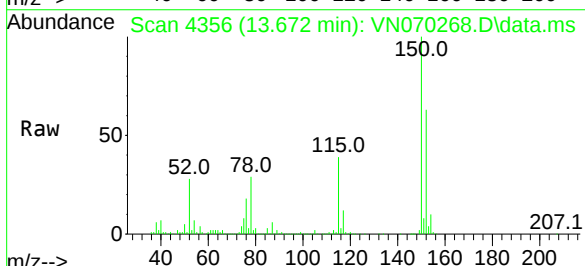
Tgt Ion:152 Resp: 501983

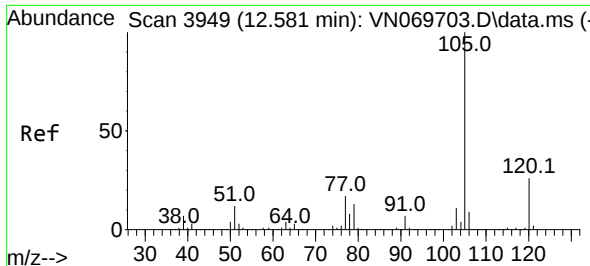
Ion Ratio Lower Upper

152 100

115 70.6 27.5 82.5

150 159.8 0.0 344.4

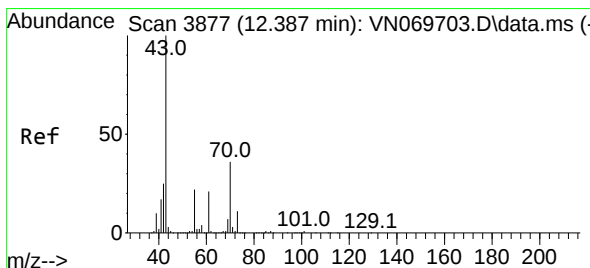
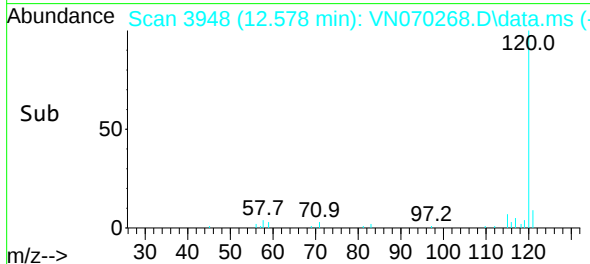
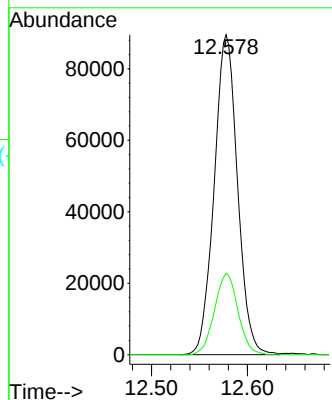
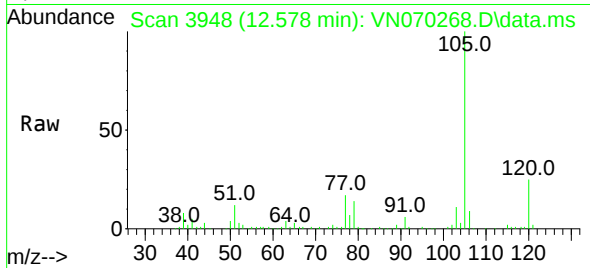




#73
Isopropylbenzene
Concen: 3.382 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

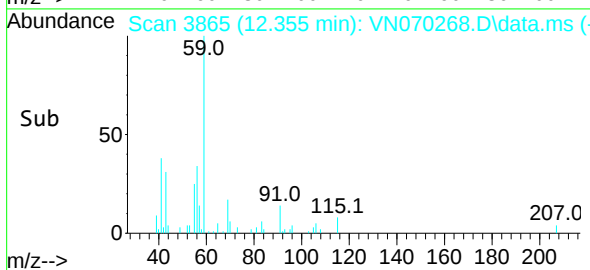
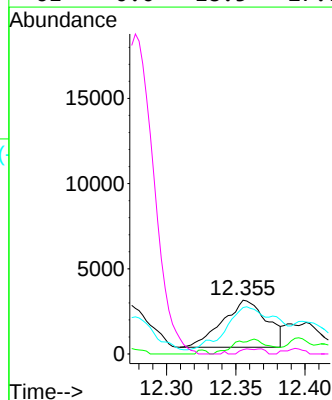
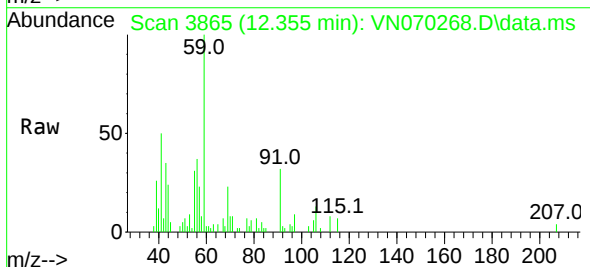
Instrument :
MSVOA_N
ClientSampleId :

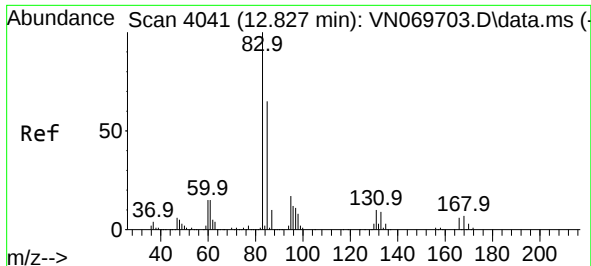
Tgt Ion:105 Resp: 151048
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 0.311 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.032 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 43 Resp: 6143
Ion Ratio Lower Upper
43 100
70 8.9 33.4 50.0#
55 79.1 19.3 28.9#
61 0.0 18.5 27.7#

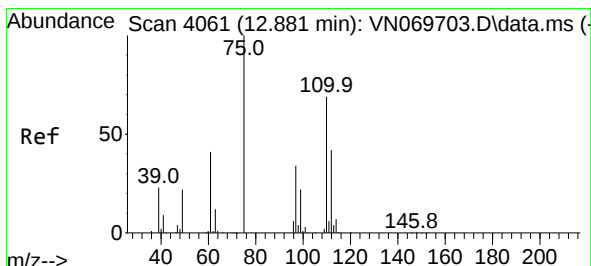
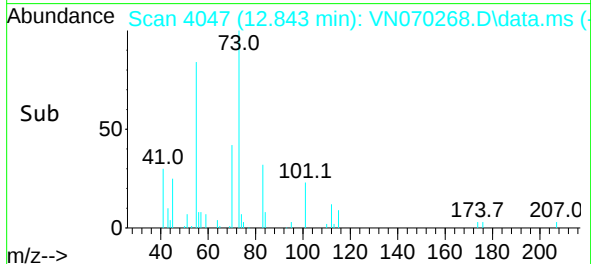
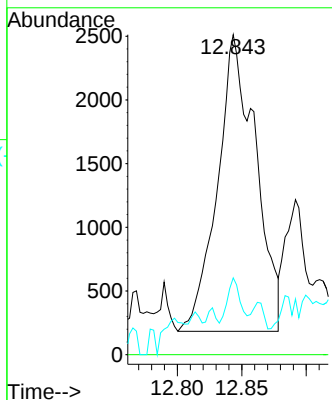
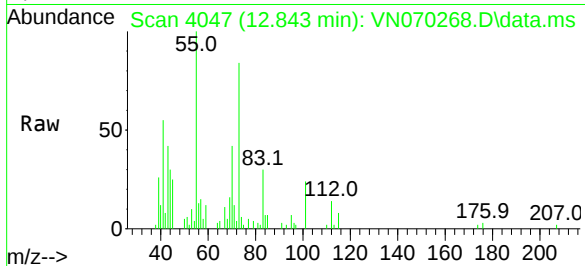




#75
1,1,2,2-Tetrachloroethane
Concen: 0.311 ug/l
RT: 12.843 min Scan# 4097
Delta R.T. 0.016 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

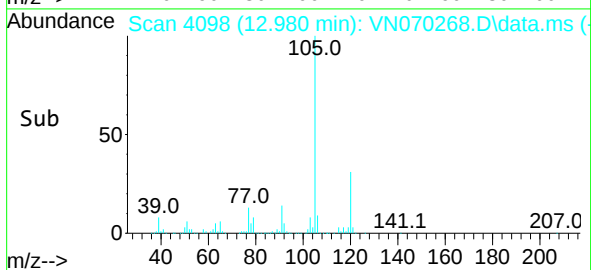
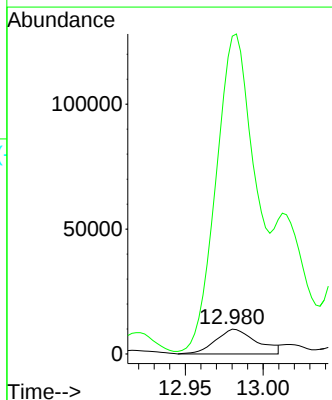
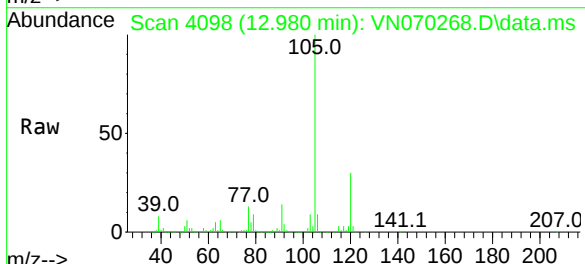
Instrument :
MSVOA_N
ClientSampleId :

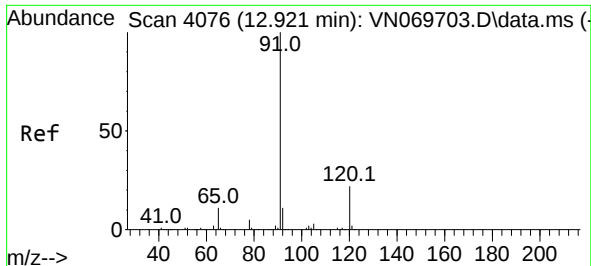
Tgt Ion: 83 Resp: 4803
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 5.1 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 1.267 ug/l
RT: 12.980 min Scan# 4098
Delta R.T. 0.099 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 75 Resp: 18235
Ion Ratio Lower Upper
75 100
77 1206.7 82.6 247.8#

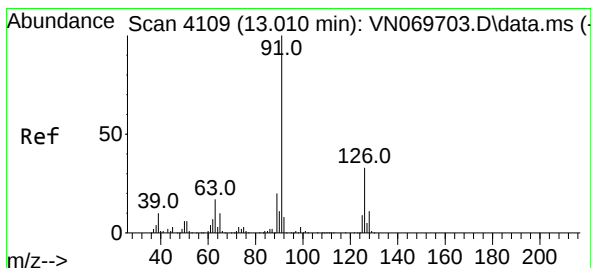
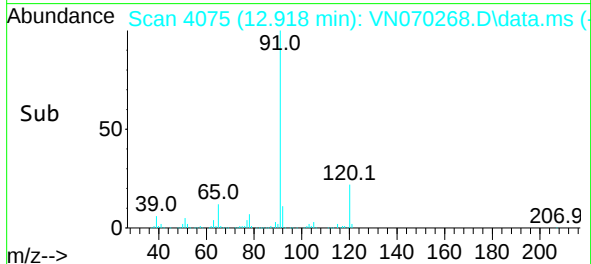
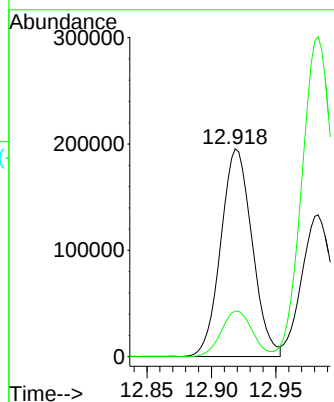
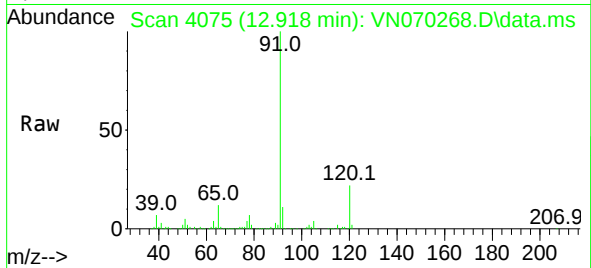




#78
n-propylbenzene
Concen: 6.638 ug/l
RT: 12.918 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

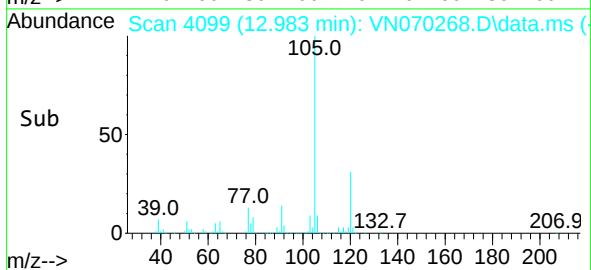
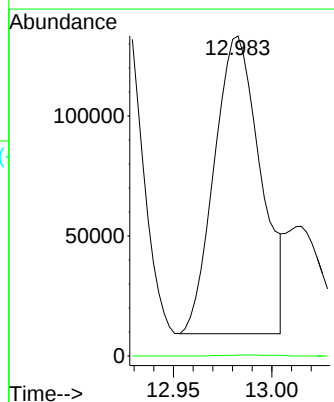
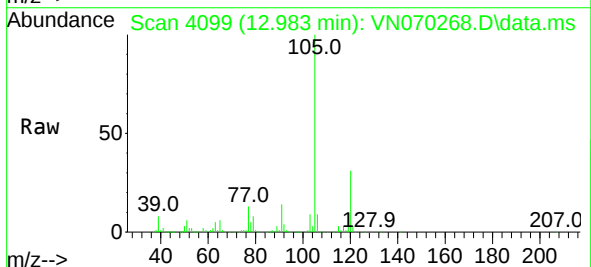
Instrument :
MSVOA_N
ClientSampleId :

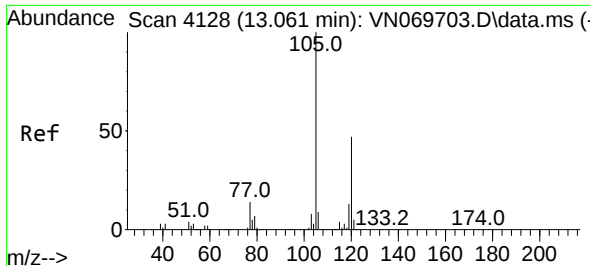
Tgt Ion: 91 Resp: 329908
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9



#79
2-Chlorotoluene
Concen: 6.460 ug/l
RT: 12.983 min Scan# 4099
Delta R.T. -0.027 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 91 Resp: 202860
Ion Ratio Lower Upper
91 100
126 0.3 18.3 54.8#

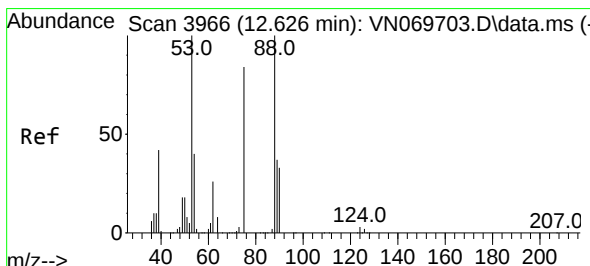
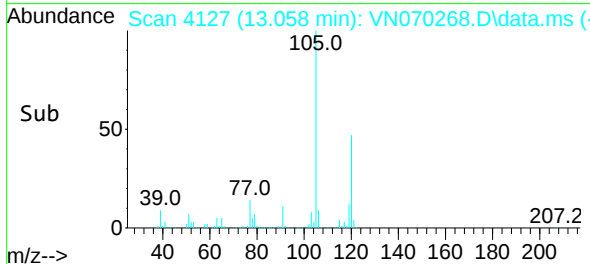
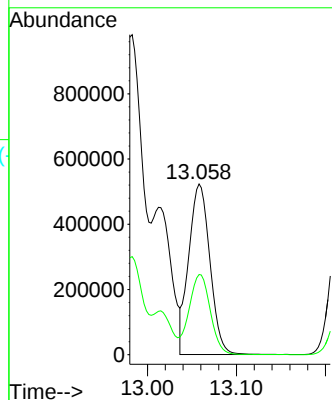
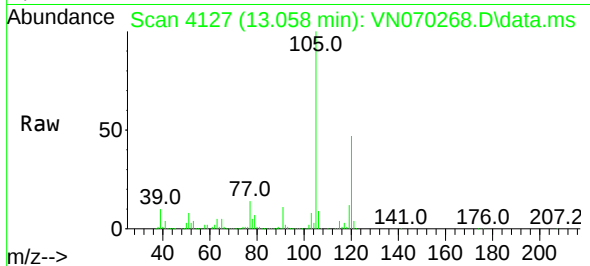




#80
 1,3,5-Trimethylbenzene
 Concen: 23.994 ug/l
 RT: 13.058 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070268.D
 Acq: 21 Dec 2021 15:27

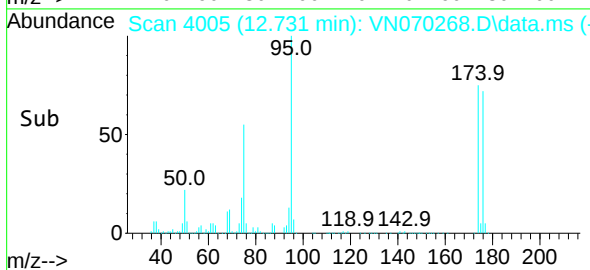
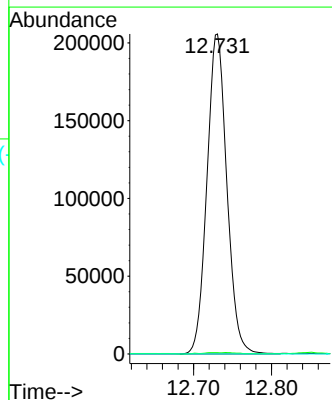
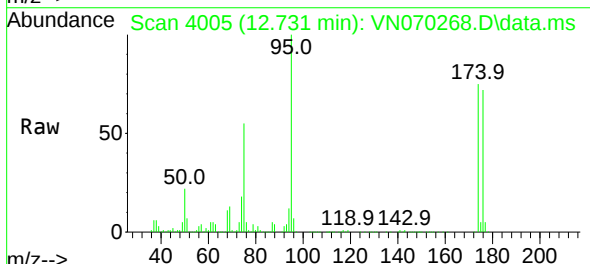
Instrument :
 MSVOA_N
 ClientSampleId :

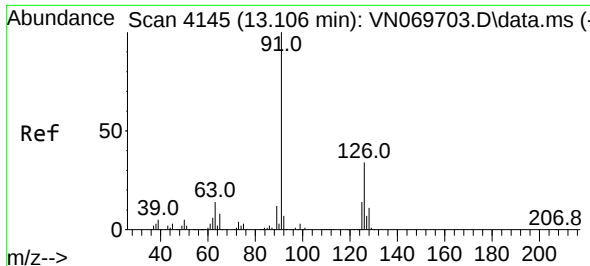
Tgt Ion:105 Resp: 862531
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.374 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. 0.105 min
 Lab File: VN070268.D
 Acq: 21 Dec 2021 15:27

Tgt Ion: 75 Resp: 365334
 Ion Ratio Lower Upper
 75 100
 53 0.2 90.5 135.7#
 89 0.0 38.2 57.4#

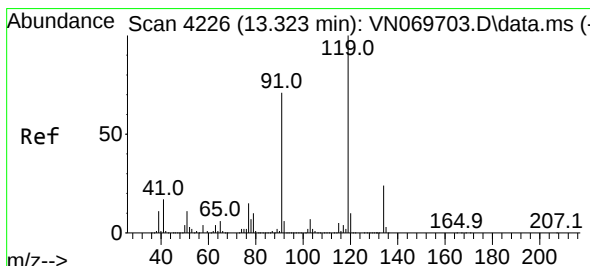
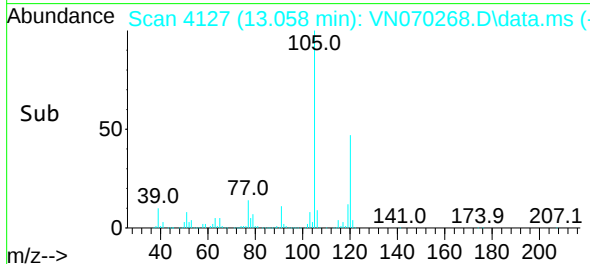
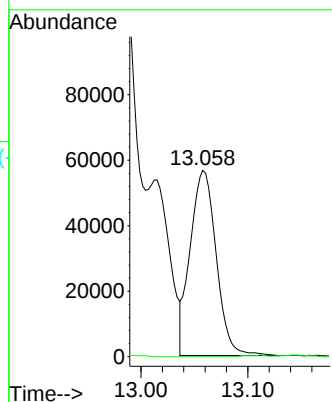
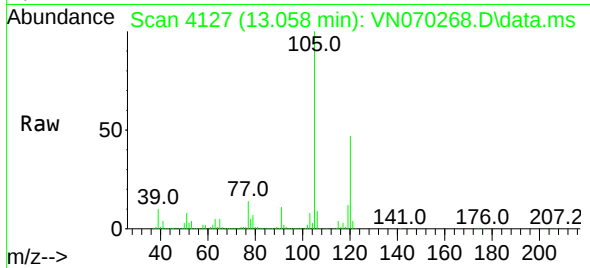




#82
4-Chlorotoluene
Concen: 3.235 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.048 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

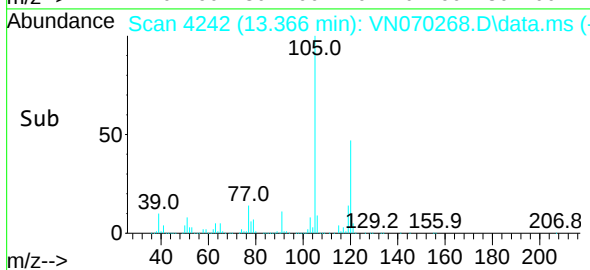
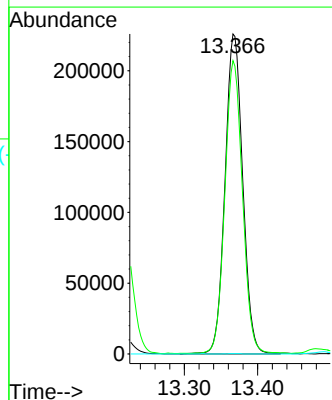
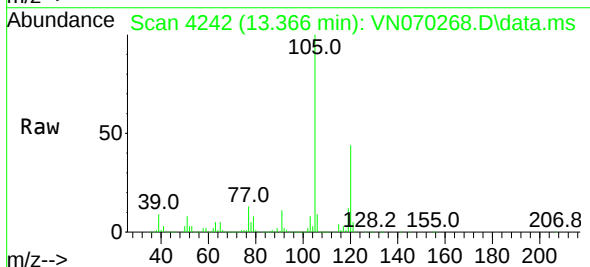
Instrument :
MSVOA_N
ClientSampleId :

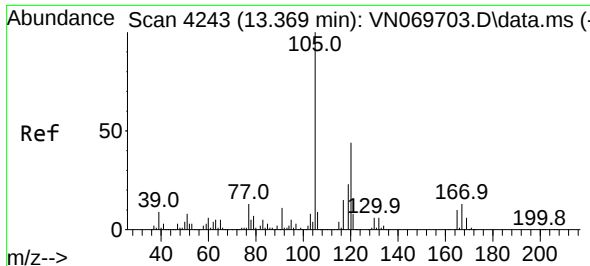
Tgt Ion: 91 Resp: 95537
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 11.901 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.043 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion: 119 Resp: 378818
Ion Ratio Lower Upper
119 100
91 91.0 31.5 94.5
134 0.0 12.4 37.4#

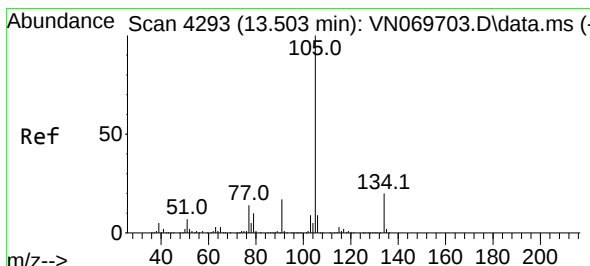
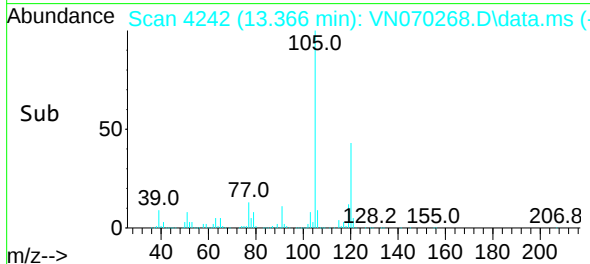
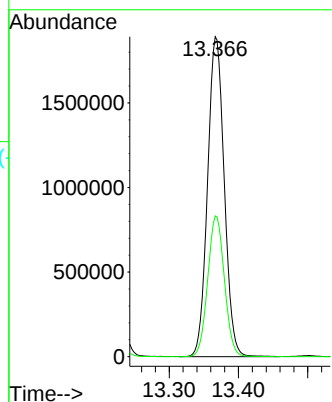
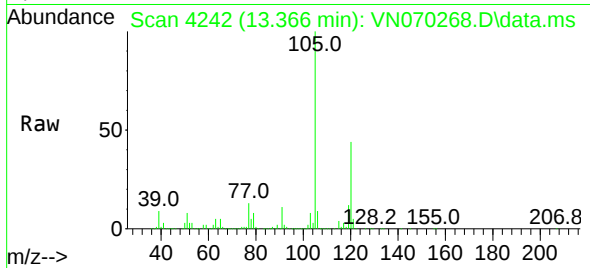




#84
1,2,4-Trimethylbenzene
Concen: 92.139 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

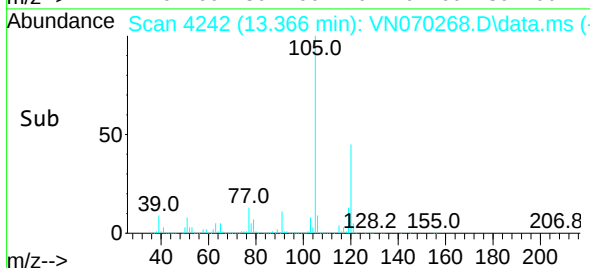
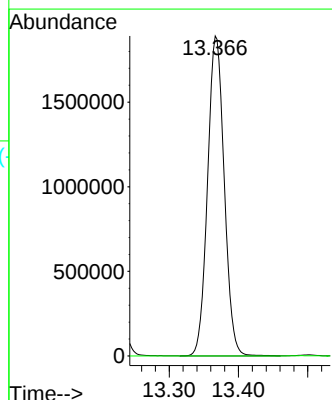
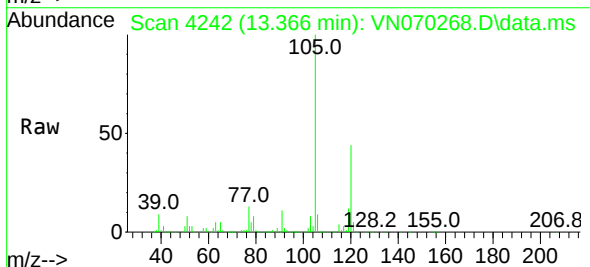
Instrument :
MSVOA_N
ClientSampleId :

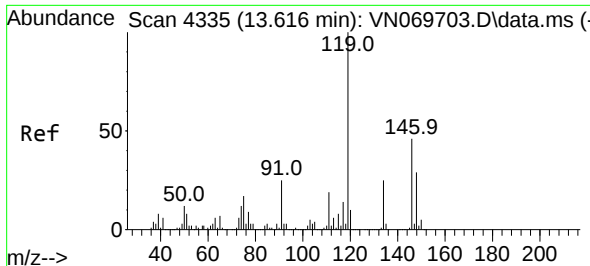
Tgt Ion:105 Resp: 3154413
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4



#85
sec-Butylbenzene
Concen: 73.060 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.137 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Tgt Ion:105 Resp: 3154413
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

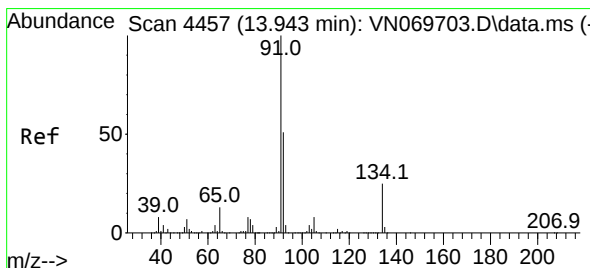
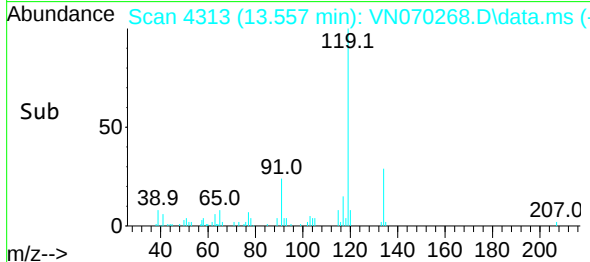
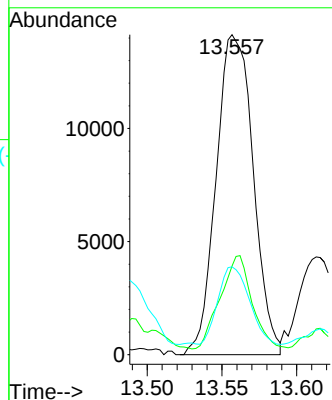
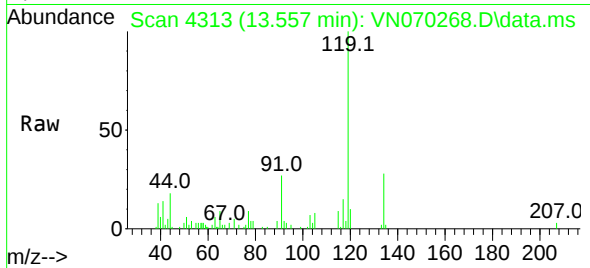




#86
p-Isopropyltoluene
Concen: 0.725 ug/l
RT: 13.557 min Scan# 41
Delta R.T. -0.059 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

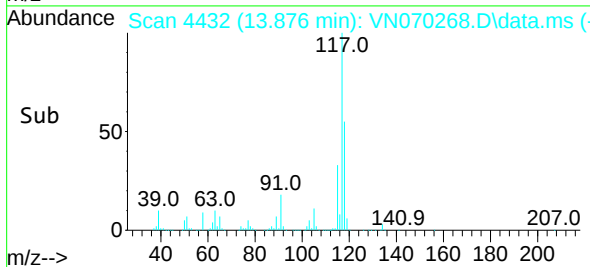
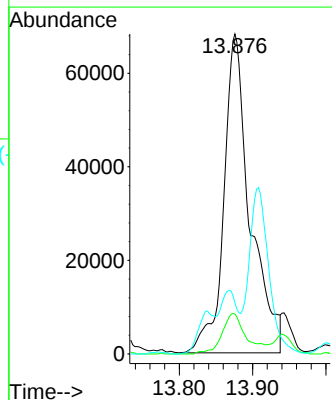
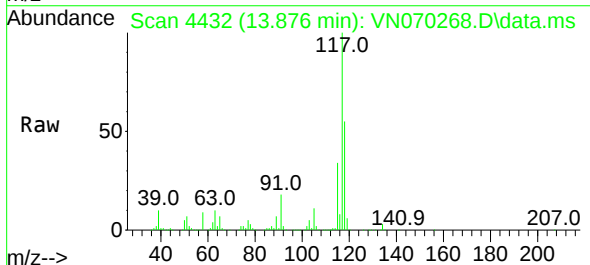
Instrument :
MSVOA_N
ClientSampleId :

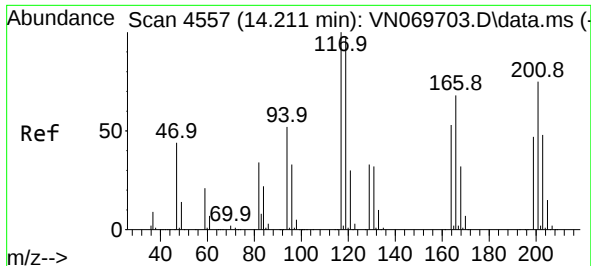
Tgt Ion:119 Resp: 24452
Ion Ratio Lower Upper
119 100
134 26.1 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 6.180 ug/l
RT: 13.876 min Scan# 4432
Delta R.T. -0.067 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

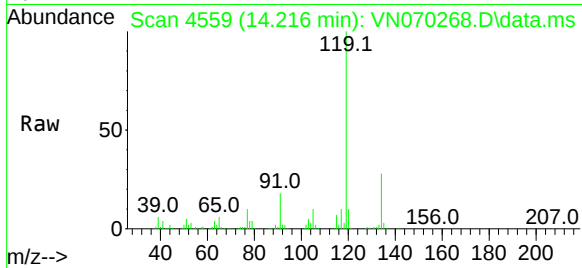
Tgt Ion: 91 Resp: 169185
Ion Ratio Lower Upper
91 100
92 11.8 25.4 76.0#
134 10.9 13.6 40.8#



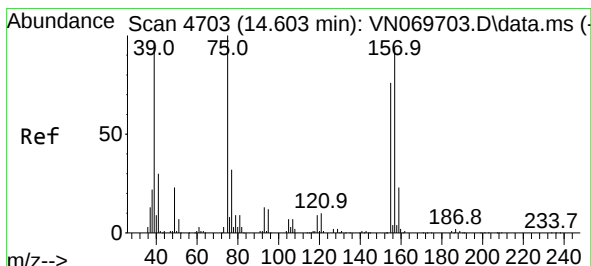
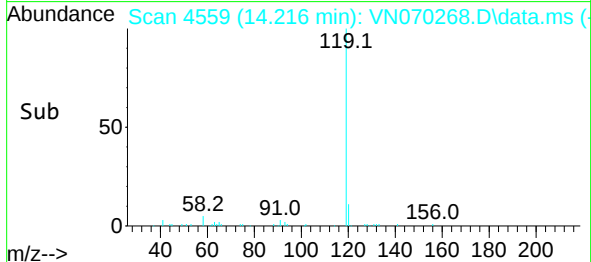
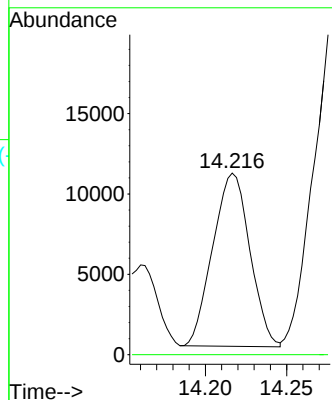


#90
Hexachloroethane
Concen: 2.893 ug/l
RT: 14.216 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

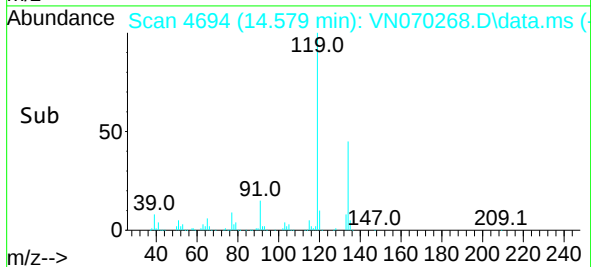
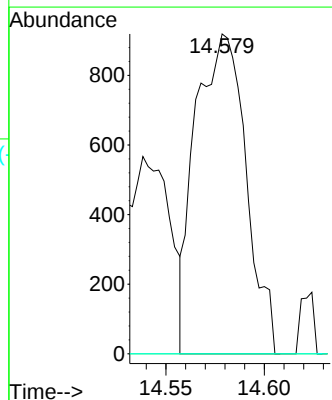
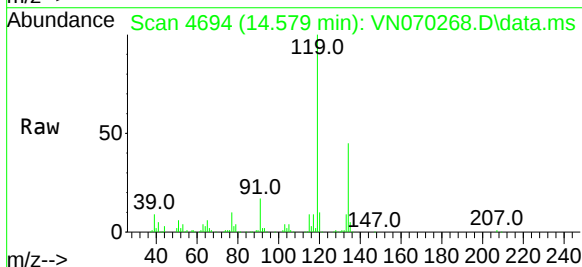


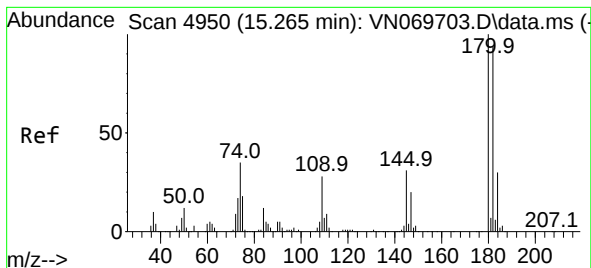
Tgt Ion:117 Resp: 17144
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.587 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.024 min
Lab File: VN070268.D
Acq: 21 Dec 2021 15:27

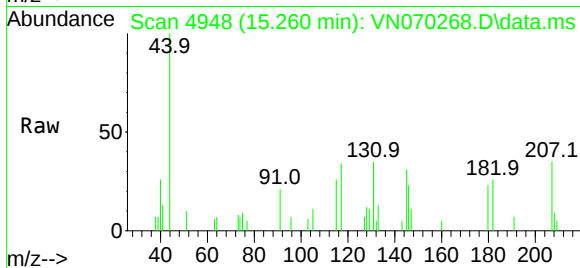
Tgt Ion: 75 Resp: 1637
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#



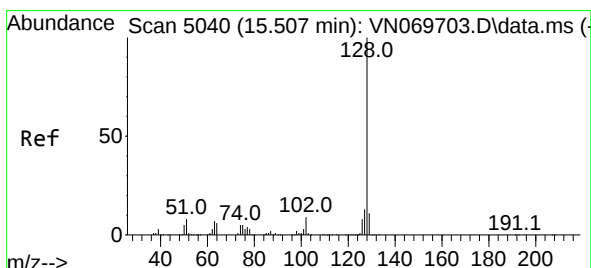
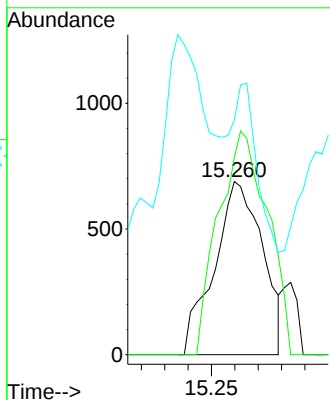
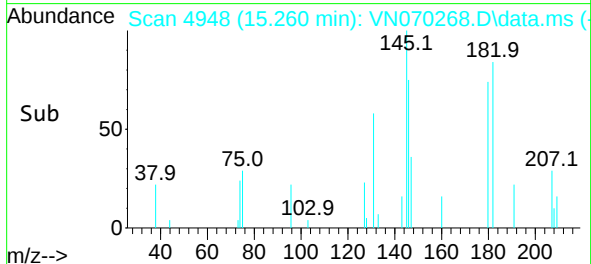


#93
 1,2,4-Trichlorobenzene
 Concen: 2.991 ug/l
 RT: 15.260 min Scan# 4950
 Delta R.T. -0.005 min
 Lab File: VN070268.D
 Acq: 21 Dec 2021 15:27

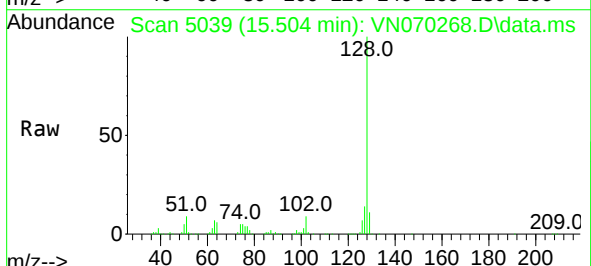
Instrument :
 MSVOA_N
 ClientSampleId :



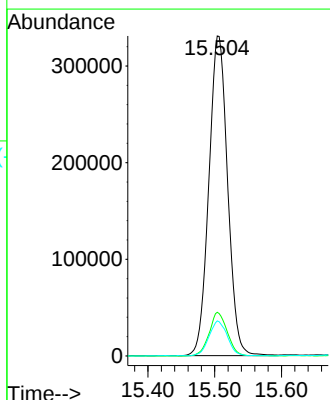
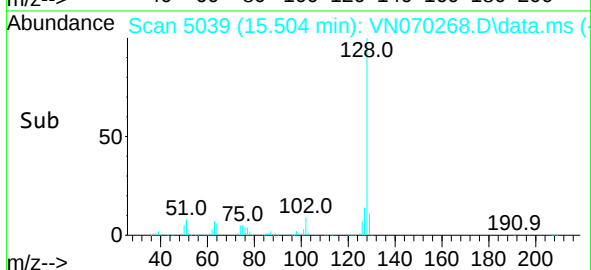
Tgt Ion:180 Resp: 992
 Ion Ratio Lower Upper
 180 100
 182 130.7 48.3 144.9
 145 0.0 14.5 43.5#

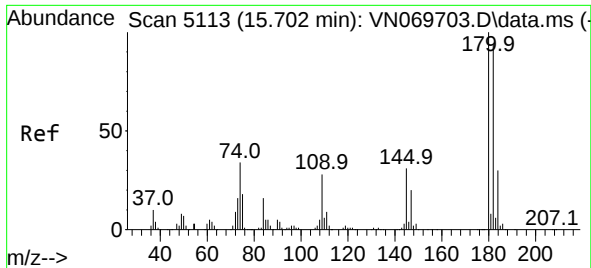


#95
 Naphthalene
 Concen: 28.230 ug/l
 RT: 15.504 min Scan# 5039
 Delta R.T. -0.003 min
 Lab File: VN070268.D
 Acq: 21 Dec 2021 15:27



Tgt Ion:128 Resp: 646284
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.5 15.7
 129 10.6 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.566 ug/l

RT: 15.700 min Scan# 51

Delta R.T. -0.002 min

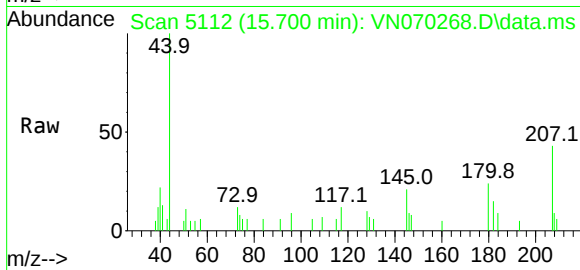
Lab File: VN070268.D

Acq: 21 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 1097

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.2

145 105.7 15.0 45.1#

